List of all testing methods within the scope of accreditation D-PL-14165-01-00

Within the specified categories and defined scope of testing, LUFA Nord-West is authorized to include test methods within the scope of its accreditation without the need for prior notification to or approval by DAkkS. The expansion of the scope of accreditation is divided into three distinct categories:

*** (Category A) involves expanding the scope of accreditation to include standardized or equivalent test methods with different versions within a defined test area. This does not apply to the areas covered by the technical modules.

* (Category B) includes Category *** as well as the addition of standardized or equivalent test procedures within a defined test area to the scope of accreditation. Category * encompasses—where applicable—new specifications for test objects, provided these can be determined using the procedures within the test area.

** (Category C) includes Categories *** and *, as well as the extension of the scope of accreditation to include modified, further developed, and newly developed test procedures (including in-house procedures) within a defined test area.

1. Examinations at Site 1

1.1 Analysis of horticultural growing media, horticultural soils, horticultural substrates and peat, as well as organic waste (compost, digestate, etc.)

1.1.1 Sample preparation of horticultural growing media, horticultural soils, horticultural substrates, and peat, as well as organic waste (e.g., compost)

Code	Title	Category ***	Category *	Category **	LUFA-Nord-West AA
DIN EN 13040; 2008-01 Adoption/Adaptation of the Test Procedure: 2013-02-11	Soil improvers and growing media – Sample preparation for chemical and physical analyses, determination of dry residue, moisture content and laboratory bulk density; German version of EN 13040:2007	x			1/1-532 1/1-603 1/1-617

1.1.2 Gravimetric methods for horticultural growing media, horticultural soils, horticultural substrates, and peat, as well as organic waste (e.g., compost)

Code	Title	Category ***	Category *	Category **	LUFA-Nord-West AA
BGK Kap. II. C1.1/C1.2; 2020-04 Adoption/Adaptation of the Test Procedure: 2022-12-19	Foreign matter content in solid/liquid substances	x			1/1-630
BGK Kap. II. C1.1; 2020-04 Adoption/Adaptation of the Test Procedure: 2021-01-28	Foreign matter content in solids	x			1/1-630
BGK Kap. II. C1.2; 2020-04 Adoption/Adaptation of the Test Procedure: 2021-01-28	Foreign matter content in liquids	x			1/1-630
BGK Kap. II. C2.1; 2013-05 Adoption/Adaptation of the Test Procedure: 2021-01-28	Stone content	x			1/1-630
DIN EN 12580; 2023-01 Adoption/Adaptation of the Test Procedure: 2023-08-22	Soil improvers and growing media – determination of quantity	x			1/1-622
DIN EN 13039; 2012-01 Adoption/Adaptation of the Test Procedure: 2017-06-20	Soil improvers and growing media – Determination of organic matter and ash content; German version of EN 13039:2011	x			1/1-617
DIN EN 13040; 2008-01 Adoption/Adaptation of the Test Procedure: 2013-02-11	Soil improvers and growing media – Sample preparation for chemical and physical analyses, determination of dry residue, moisture content and laboratory bulk density; German version of EN 13040:2007	x			1/1-617

1.1.3 Volumetric, titrimetric and potentiometric methods in horticultural growing media, horticultural soils, horticultural substrates and peat, as well as bio-waste (e.g. compost)

Code	Title	Category ***	Category *	Category **	LUFA-Nord-West AA

1.1.3 Volumetric, titrimetric and potentiometric methods in horticultural growing media, horticultural soils, horticultural substrates and peat, as well as bio-waste (e.g. compost)

Code	Title	Category ***	Category *	Category **	LUFA-Nord-West AA
DIN EN 13037; 2012-01 Adoption/Adaptation of the Test Procedure: 2018-01-16	Soil improvers and growing media – Determination of pH; German version of EN 13037:2011	x			1/1-317 1/1-533
DIN EN 13038; 2012-01 Adoption/Adaptation of the Test Procedure: 2023-10-02	Soil improvers and growing media – Determination of electrical conductivity; German version of EN 13038:2011	x			1/1-317 1/1-533
DIN EN 13040; 2008-01 Adoption/Adaptation of the Test Procedure: 2013-02-11	Soil improvers and growing media – Sample preparation for chemical and physical analyses, determination of dry residue, moisture content and laboratory bulk density; German version of EN 13040:2007	x			1/1-532 1/1-603
VDLUFA I, A 5.1.1; 2016 Adoption/Adaptation of the Test Procedure: 2019-02-25	Determination of pH	x			1/1-508

1.1.4 Spectroscopic methods (UV, VIS, AAS, ICP, IR) in horticultural growing media, horticultural soils, horticultural substrates and peat, as well as bio-waste (e.g. compost)

Code	Title	Category ***	Category *	Category **	LUFA-Nord-West AA
DIN EN 13651; 2002-01 Adoption/Adaptation of the Test Procedure: 2017-03-21	Soil improvers and growing media - Extraction of nutrients soluble in calcium chloride/DTPA (CAT); German version of EN 13651:2001 *Deviation: N, P, K, Mg only*	x			1/1-534

1.1.5 Further processes involving horticultural growing media, horticultural soils, horticultural substrates, and peat, as well as organic waste (e.g., compost)

Code	Title	Category ***	Category *	Category **	LUFA-Nord-West AA
Analysereek PPO; 1999-06 Adoption/Adaptation of the Test Procedure: 2013-02-11	Adapted limited physical analysis of potting soil (substrate analysis)	x			1/1-604
Analysereek PPO; 1999-06 Adoption/Adaptation of the Test Procedure: 2013-02-11	Gravimetric determination of moisture content and organic matter fraction	x			1/1-617
BGK Kap. IV A3; 2006-09 Adoption/Adaptation of the Test Procedure: 2013-02-11	Plant compatibility in a germination trial with spring barley	x			1/1-611
BGK Kap. IV B1; 2006-09 Adoption/Adaptation of the Test Procedure: 2013-02-11	Content of viable seeds and plant parts capable of sprouting	x			1/1-612
DIN 19539: 2016-12 Adoption/Adaptation of the Test Procedure: 2019-05-07	Analysis of solids – Temperature-dependent differentiation of total carbon (TOC_{400}, ROC, TIC_{900})	x			1/3-847
VDLUFA I, A 10.2.1; 2016 Adoption/Adaptation of the Test Procedure: 2020-11-27	Seedling test for the detection of plant-damaging substances in soils, horticultural substrates and composts	x			1/1-608
VDLUFA I, A 13.5.2; 2004 Adoption/Adaptation of the Test Procedure: 2013-02-11	Detection of viable seeds and germinable plant parts in horticultural substrates and substrate raw materials	x			1/1-607

1.2 Analysis of crops and input materials for biogas plants, digester contents, biogas slurry, fermentation substrates, fermentation residues and farm manure

1.2.1 Sampling and sample preparation of crops and input materials for biogas plants, digester contents, biogas slurry, fermentation substrates, fermentation residues and farm manure

Code	Title	Category ***	Category *	Category **	LUFA-Nord-West AA
BGK Kap. II A4; 2006-09 Adoption/Adaptation of the Test Procedure: 2015-02-24	Bulk density	x			1/1-316
VDLUFA VII, 2.1.3; 2021 Adoption/Adaptation of the Test Procedure: 2023-02-23	Microwave-assisted pressure digestion (Note: identical to VDLUFA III, 10.8.1.2, 8th Supplement 2012)	x			1/1-312 1/3-842

1.2.2 Gravimetric methods for crops and feedstocks for biogas plants, digester contents, biogas slurry, fermentation substrates, fermentation residues and farm manure

Code	Title	Category ***	Category *	Category **	LUFA-Nord-West AA
VDLUFA I, A 2.1.1; 1991 (mod.) Adoption/Adaptation of the Test Procedure: 2013-06-12	Determination of water content (or dry matter) by drying in a drying oven *Deviation: Sample matrix*	x			1/1-303
VDLUFA II.1, 10.1; 2014 Adoption/Adaptation of the Test Procedure: 2020-12-17	Determination and evaluation of organic matter; determination of loss on ignition	x			1/1-304

1.2.3 Spectroscopic methods (AAS, ICP, UV, VIS, flame photometry, IR) in crops and input materials for biogas plants, fermenter contents, biogas slurry, fermentation substrates, fermentation residues and farm manure

Code	Title	Category ***	Category *	Category **	LUFA-Nord-West AA
DIN EN ISO 17294-2 (E 29); 2024-12 (mod.) Adoption/Adaptation of the Test Procedure: 2025-08-28	Water quality — Application of inductively coupled plasma mass spectrometry (ICP-MS) — Part 2: Determination of selected elements including uranium isotopes (feed, biogas slurry, foodstuffs; other sample preparation)	x			1/3-890

1.2.4 Further processes involving crops and input materials for biogas plants, digester contents, biogas slurry, fermentation substrates, fermentation residues and farm manure

Code	Title	Category ***	Category *	Category **	LUFA-Nord-West AA
BGK Kap. III C3; 2021-09 Adoption/Adaptation of the Test Procedure: 2023-01-31	Total organic acid content	x			1/1-306

1.3 Chemical, physico-chemical and sensory analysis of foodstuffs, animal feed and other biological materials from agriculture and horticulture

1.3.1 Sample preparation

Code	Title	Category ***	Category *	Category **	LUFA-Nord-West AA
VDLUFA III 2; 1983 Adoption/Adaptation of the Test Procedure: 2023-12-29	Handling of shipment samples and preparation of the analytical sample	x			1/3-194
VDLUFA VII, 2.1.3; 2021 Adoption/Adaptation of the Test Procedure: 2023-02-23	Microwave-assisted pressure digestion (Note: identical to VDLUFA III, 10.8.1.2, 8th Supplement 2012)	x			1/3-842

1.3.2 Determination of constituents by gravimetric analysis in foodstuffs, animal feed and other biological materials from agriculture and horticulture

Code	Title	Category ***	Category *	Category **	LUFA-Nord-West AA
ASU F 0084; 2011-06 Adoption/Adaptation of the Test Procedure: 2013-06-14	Analysis of feedstuffs – Determination of acid detergent fibre (ADF) and acid detergent fibre on ash (ADFom) in feedstuffs (Summary of VDLUFA Method 6.5.2 "Determination of acid detergent fibre (ADF) and acid detergent fibre after ignition (ADFom)")	x	x		1/3-205
VDLUFA III 6.5.1; 2012 Adoption/Adaptation of the Test Procedure: 2013-06-14	Determination of neutral detergent fibre after amylase treatment (aNDF) and after amylase treatment and ashing (aNDFom)	x	x		1/3-206
VDLUFA III 6.5.3; 2012 Adoption/Adaptation of the Test Procedure: 2024-05-23	Determination of acid detergent lignin (crude lignin)	x	x		1/3-207
VDLUFA III 8.4; 1988 Adoption/Adaptation of the Test Procedure: 2013-06-11	Determination of crude ash in mineral feed	x	x		1/3-125
VO (EG) 152/2009 Anhang III, A; 2024-04 Adoption/Adaptation of the Test Procedure: 2025-05-23	Determination of moisture content	x	x		1/3-103
VO (EG) 152/2009, Anhang III, G; 2024-04 Adoption/Adaptation of the Test Procedure: 2025-03-31	Commission Regulation (EC) No 152/2009 of 27 January 2009 laying down the sampling procedures and methods of analysis for the official control of feed – Methods of analysis for the determination of the composition of feed materials and compound feed – Determination of the crude oil and fat content	x	x		1/3-109
VO (EG) 152/2009, Anhang III, H; 2024-04 Adoption/Adaptation of the Test Procedure: 2025-03-26	Commission Regulation (EC) No 152/2009 of 27 January 2009 laying down the sampling procedures and methods of analysis for the official control of feed – Methods of analysis for the determination of the composition of feed materials and compound feed – Determination of crude fibre content	x	x		1/3-214
VO (EG) 152/2009, Anhang III, L; 2024-04 Adoption/Adaptation of the Test Procedure: 2025-04-29	Commission Regulation (EC) No 152/2009 of 27 January 2009 laying down the sampling procedures and methods of analysis for the official control of feed – Methods of analysis for the determination of the composition of feed materials and compound feed – Determination of crude ash content	x	x		1/3-123
VO (EG) 152/2009, Anhang III, M; 2024-04 Adoption/Adaptation of the Test Procedure: 2025-03-26	Commission Regulation (EC) No 152/2009 of 27 January 2009 laying down the sampling procedures and methods of analysis for the official control of feed – Methods of analysis for the determination of the composition of feed materials and compound feed – Determination of the content of ash insoluble in hydrochloric acid	x	x		1/3-124

1.3.3 Determination of constituents and key parameters by titrimetric analysis in animal feed and other biological materials from agriculture and horticulture

Code	Title	Category ***	Category *	Category **	LUFA-Nord-West AA
VDLUFA III 10.5.2; 1976 (mod.) Adoption/Adaptation of the Test Procedure: 2024-07-15	Determination of chlorides *Deviation: Initial weighing and extraction ratio, extraction of chlorides by dispersion, potentiometric titration and omission of clarification with CARREZ*	x	x		1/3-132
VDLUFA III 20.1;1976 Adoption/Adaptation of the Test Procedure: 2013-06-11	Determination of urease activity in soya products (quantitative)	x	x		1/3-143
VDLUFA III 4.2.1; 1976 Adoption/Adaptation of the Test Procedure: 2013-06-10	Determination of enzyme-soluble crude protein	x	x		1/3-106
VDLUFA III 5.4.3.; 1983 (mod.) Adoption/Adaptation of the Test Procedure: 2025-03-31	Determination of the peroxide value according to Wheeler	x	x		1/3-112
VO (EG) 152/2009, Anhang III, C; 2024-04 Adoption/Adaptation of the Test Procedure: 2025-03-31	Commission Regulation (EC) No 152/2009 of 27 January 2009 laying down the sampling procedures and methods of analysis for the official control of feed – Methods of analysis for the determination of the composition of feed materials and compound feed – Determination of crude protein content	x	x		1/3-105
VO (EG) 152/2009, Anhang III, I; 2024-04 Adoption/Adaptation of the Test Procedure: 2025-03-26	Commission Regulation (EC) No 152/2009 of 27 January 2009 laying down the sampling procedures and methods of analysis for the official control of feed – Methods of analysis for the determination of the composition of feed materials and compound feed – Determination of the sugar content	x	x		1/3-120

1.3.4 Determination of constituents using GC-FID analysis in animal feed, foodstuffs and other biological materials from agriculture and horticulture

Code	Title	Category ***	Category *	Category **	LUFA-Nord-West AA
ASU F 0063; 2011-06 Adoption/Adaptation of the Test Procedure: 2012-12-15	Analysis of feedstuffs – Determination of 1,2-propanediol (propylene glycol) in feedstuffs – Gas chromatographic method (Summary of VDLUFA Method 14.24.1 “Determination of 1,2-propanediol (propylene glycol)”) April 2012)	x	x	x	1/3A-049
ASU F 0100; 2013-04 Adoption/Adaptation of the Test Procedure: 2016-04-19	Analysis of feedstuffs – Determination of free glycerol in feedstuffs and crude glycerol (Summary of VDLUFA method 14.25.1 – Determination of free glycerol and crude glycerol)	x	x	x	1/3A-044
DIN EN ISO 12966-1; 2015-10 Adoption/Adaptation of the Test Procedure: 2025-12-22	Animal and vegetable fats and oils – Gas chromatography of fatty acid methyl esters – Part 1: Guidance on modern gas chromatography of fatty acid methyl esters (Adoption of the standard of the same name DIN EN ISO 12966-1, October 2015)	x	x	x	1/3A-010
DIN EN ISO 12966-3; 2016-11 Adoption/Adaptation of the Test Procedure: 2023-08-21	Animal and vegetable fats and oils — Gas chromatography of fatty acid methyl esters — Part 3: Preparation of methyl esters using trimethylsulphonium hydroxide (TMSH) (ISO 12966-3:2016); German version of EN ISO 12966-3:2016	x	x	x	1/3A-010
DIN EN ISO 12966-3; 2016-11/DIN EN ISO 12966-4; 2015-11 Adoption/Adaptation of the Test Procedure: 2023-08-21	Animal and vegetable fats and oils – Gas chromatography of fatty acid methyl esters – Part 3: Preparation of methyl esters using trimethylsulphonium hydroxide (TMSH) / Animal and vegetable fats and oils – Gas chromatography of fatty acid methyl esters – Part 4: Determination by capillary gas chromatography	x	x	x	1/3A-010
DIN EN ISO 12966-4; 2015-11 Adoption/Adaptation of the Test Procedure: 2023-08-21	Animal and vegetable fats and oils — Gas chromatography of fatty acid methyl esters — Part 4: Determination by capillary gas chromatography (ISO 12966-4:2015); German version of EN ISO 12966-4:2015	x	x	x	1/3A-010
LUFA Nord-West 1/3A-010; 2023-06 Adoption/Adaptation of the Test Procedure: 2023-08-21	Gas chromatographic analysis of fatty acid methyl esters (here: extraction of the fat)	x	x	x	1/3A-010
LUFA Nord-West 1/3A-038; 2023-06 Adoption/Adaptation of the Test Procedure: 2023-06-27	Determination of methanol in glycerine by GC (modified VDLUFA III, 14.24.1 method)	x	x	x	1/3A-038

1.3.5 Determination of plant protection products using GC/MS methods in animal feed, crops, plants and foods

Code	Title	Category ***	Category *	Category **	LUFA-Nord-West AA
ASU F 0057; 2019-06 Adoption/Adaptation of the Test Procedure: 2023-12-21	Analysis of foodstuffs – Multi-method for the determination of pesticide residues by GC and LC following acetonitrile extraction/partitioning and purification by dispersive SPE in plant-based foodstuffs – Modular QuEChERS- method (Adoption of the official method L 00.00-115, October 2018, Volume I (Foodstuffs) of the Official Collection)	x			1/3A-036
ASU L 00.00-115; 2018-10 Adoption/Adaptation of the Test Procedure: 2019-06-17	Food analysis – Multi-method for the determination of pesticide residues by GC and LC following acetonitrile extraction/partitioning and purification by dispersive SPE in plant-based foods – Modular QuEChERS method (adoption of the standard of the same name DIN EN 15662, July 2018)	x			1/3A-036
LUFA Nord-West 1/3A-035; 2023-06 Adoption/Adaptation of the Test Procedure: 2023-12-21	Multimethod for the determination of pesticide residues in vegetable and animal fats and oils using GC-MS/MS and LC-MS/MS (in-house method)	x			1/3A-035 1/3A-036

1.3.6 Determination of plant protection products and contaminants using LC-MS/MS methods in animal feed, foods and other biological materials from agriculture and horticulture

Code	Title	Category ***	Category *	Category **	LUFA-Nord-West AA
ASU F 0057; 2019-06 Adoption/Adaptation of the Test Procedure: 2025-11-24	Analysis of foodstuffs – Multi-method for the determination of pesticide residues by GC and LC following acetonitrile extraction/partitioning and purification by dispersive SPE in plant-based foods – Modular QuEChERS method (Adoption of the official method L 00.00-115, October 2018, Volume I (Foodstuffs) of the Official Collection)	x	x	x	1/3A-036
ASU L 00.00-115; 2018-10 Adoption/Adaptation of the Test Procedure: 2025-11-24	Food analysis – Multi-method for the determination of pesticide residues by GC and LC following acetonitrile extraction/partitioning and purification by dispersive SPE in plant-based foods – Modular QuEChERS method (Adoption of the standard of the same name DIN EN 15662, July 2018)	x	x	x	1/3A-036

1.3.6 Determination of plant protection products and contaminants using LC-MS/MS methods in animal feed, foods and other biological materials from agriculture and horticulture

Code	Title	Category ***	Category *	Category **	LUFA-Nord-West AA
DIN EN 15662; 2018-07 (mod.) Adoption/Adaptation of the Test Procedure: 2025-11-24	Plant-based foods – Multi-method for the determination of pesticide residues by GC and LC following acetonitrile- e extraction/partitioning and purification using dispersive SPE – Modular QuEChERS method; German version of EN 15662:2018 *Modification: also for milk and milk products*	x	x	x	1/3A-036
DIN EN 15662; 2018-07 Adoption/Adaptation of the Test Procedure: 2025-11-24	Plant-based foods – Multi-method for the determination of pesticide residues by GC and LC following acetonitrile extraction/partitioning and purification by dispersive SPE – Modular QuEChERS method; German version of EN 15662:2018	x	x	x	1/3A-036
DIN EN 17194; 2020-02 Adoption/Adaptation of the Test Procedure: 2020-06-19	Feed: Sampling and analysis methods – Determination of deoxynivalenol, aflatoxin B1, fumonisin B1 and B2, T-2 and HT-2 toxins, zearalenone and ochratoxin A in feed materials and compound feed by LC-MS/MS; German version of EN 17194:2019	x	x	x	1/3-055
LUFA Nord-West 1/3-055; 2024-11 Adoption/Adaptation of the Test Procedure: 2024-12-02	Determination of mycotoxins in feed, cereals and cereal-based foods using LC-MS/MS multi-method	x	x	x	1/3-055
LUFA Nord-West 1/3A-035; 2023-06 Adoption/Adaptation of the Test Procedure: 2025-11-24	Multimethod for the determination of pesticide residues in vegetable and animal fats and oils using GC-MS/MS and LC-MS/MS (in-house method)	x	x	x	1/3A-035 1/3A-036
LUFA Nord-West 1/3A-054; 2026-01 Adoption/Adaptation of the Test Procedure: 2026-02-19	Determination of residues of highly polar pesticides in plant-based foods and cereals (including animal feed)	x	x	x	1/3A-054

1.3.7 HPLC methods for animal feed, foods and other biological materials from agriculture and horticulture

Code	Title	Category ***	Category *	Category **	LUFA-Nord-West AA
DIN EN 15791; 2009-12 Adoption/Adaptation of the Test Procedure: 2013-06-17	Feed - Determination of deoxynivalenol in feed - High-performance liquid chromatography (HPLC) method using UV detection and purification on an immunoaffinity column; German version of EN 15791:2009	x			1/3-021
DIN EN 15792; 2009-12 Adoption/Adaptation of the Test Procedure: 2013-06-17	Feed - Determination of zearalenone in feed - High-performance liquid chromatography method with fluorescence detection and purification on an immunoaffinity column; German version of EN 15792:2009	x			1/3-037
LUFA Nord-West 1/3-027; 2023-02 Adoption/Adaptation of the Test Procedure: 2023-03-14	Determination of vitamin D3, HPLC method				1/3-027
LUFA Nord-West 1/3-029; 2022-06 Adoption/Adaptation of the Test Procedure: 2025-04-07	Determination of vitamins A and E from a digest, HPLC method	x			1/3-029
LUFA Nord-West 1/3-032; 2023-01 Adoption/Adaptation of the Test Procedure: 2023-08-21	Determination of ochratoxin A following immunoaffinity column purification – HPLC method				1/3-032
VDLUFA III 16.1.4; 1997 Adoption/Adaptation of the Test Procedure: 2013-06-17	Determination of aflatoxin B1 (extract purification by immunoaffinity chromatography)	x			1/3-034
VDLUFA III 4.11.4;1993 Adoption/Adaptation of the Test Procedure: 2013-06-17	Determination of DL-2-hydroxy-4-methyl-mercaptobutyric acid after hydrolysis (Total -MHA®)	x			1/3-042
VO (EG) 152/2009, Anhang III, F; 2024-04 Adoption/Adaptation of the Test Procedure: 2025-03-26	Commission Regulation (EC) No 152/2009 of 27 January 2009 laying down the sampling procedures and methods of analysis for the official control of feed – Methods of analysis for the determination of the composition of feed materials and compound feed – Determination of the tryptophan content	x			1/3-053

1.3.8 Determination of amino acids and organic acids using ion chromatography in animal feed, foods and other biological materials from agriculture and horticulture

Code	Title	Category ***	Category *	Category **	LUFA-Nord-West AA
DIN EN 17294; 2019-12 Adoption/Adaptation of the Test Procedure: 2023-06-27	Feedstuffs — Sampling and analysis methods — Determination of organic acids by ion chromatography with conductivity detection (IC-CD); German version of EN 17294:2019 *Anmerkung: zusätzlich auch Buttersäure*	x			1/3A-047

1.3.8 Determination of amino acids and organic acids using ion chromatography in animal feed, foods and other biological materials from agriculture and horticulture

Code	Title	Category ***	Category *	Category **	LUFA-Nord-West AA
LUFA Nord-West 1/3A-046; 2022-04 Adoption/Adaptation of the Test Procedure: 2024-11-11	Determination of organic acids in silage and distillates using ion chromatography	x			1/3A-046
VO (EG) 152/2009, Anhang III, E; 2024-04 Adoption/Adaptation of the Test Procedure: 2025-03-26	Commission Regulation (EC) No 152/2009 of 27 January 2009 laying down the sampling procedures and methods of analysis for the official control of feed – Methods of analysis for the determination of the composition of feed materials and compound feed – Determination of the amino acid content (excluding tryptophan)	x			1/3-011 1/3-012

1.3.9 Photometric methods and infrared spectroscopy in animal feed and foods (UV, VIS, IR)

Code	Title	Category ***	Category *	Category **	LUFA-Nord-West AA
DIN EN ISO 30024; 2024-09 Adoption/Adaptation of the Test Procedure: 2025-02-21	Feedstuffs – Determination of phytase activity	x			1/3-215
VDLUFA III 31.2; 2004 (mod.) Adoption/Adaptation of the Test Procedure: 2013-06-14	Analysis of farm-produced feed by NIR	x			1/3-153

1.3.10 Determination of elements using atomic absorption spectrometry (AAS) in animal feed, foods and other biological materials from agriculture and horticulture

Code	Title	Category ***	Category *	Category **	LUFA-Nord-West AA
US EPA method 7473; 2007-02 Adoption/Adaptation of the Test Procedure: 2013-02-13	Mercury in solids and solutions by thermal decomposition, amalgamation and atomic absorption spectrophotometry (Direct determination of mercury in feed and food)	x	x		1/3-889

1.3.11 Determination of elements using inductively coupled plasma atomic emission spectrometry (ICP-OES) in animal feed, foods and other biological materials from agriculture and horticulture

Code	Title	Category ***	Category *	Category **	LUFA-Nord-West AA
ASU F 0096; 2019-06 / DIN EN 15621; 2017-10 Adoption/Adaptation of the Test Procedure: 2019-12-02	Analysis of feed – Determination of calcium, sodium, phosphorus, magnesium, potassium, sulphur, iron, zinc, copper, manganese and cobalt in feed following pressure digestion using ICP-AES (Adoption of the standard of the same name, DIN EN 15621, October 2017 edition)	x	x		1/3-846 1/3-896
DIN EN 15510; 2017-10 (mod.) Adoption/Adaptation of the Test Procedure: 2025-02-07	Analysis of feed – determination of calcium, sodium, phosphorus, magnesium, potassium, iron, zinc, copper, manganese, cobalt, molybdenum and lead in feed using ICP-AES (adoption of the standard of the same name, DIN EN 15510, October 2017 edition) *Deviation: Sample digestion – use of nitric acid instead of hydrochloric acid*	x	x		1/3-212 1/3-846
DIN EN 15621; 2017-10 Adoption/Adaptation of the Test Procedure: 2025-07-14	Feedstuffs – Determination of calcium, sodium, phosphorus, magnesium, potassium, sulphur, iron, zinc, copper, manganese and cobalt following pressure digestion using ICP-AES	x	x		1/3-842
DIN EN ISO 11885; 2009-09 (mod.) Adoption/Adaptation of the Test Procedure: 2015-04-17	Water quality — Determination of selected elements by inductively coupled plasma atomic emission spectrometry (ICP-OES) (ISO 11885:2007); German version of EN ISO 11885:2009	x	x		1/3-846 1/3-896

1.3.12 Determination of inorganic parameters using inductively coupled plasma mass spectrometry (ICP-MS) in animal feed, foods and other biological materials from agriculture and horticulture

Code	Title	Category ***	Category *	Category **	LUFA-Nord-West AA

1.3.12 Determination of inorganic parameters using inductively coupled plasma mass spectrometry (ICP-MS) in animal feed, foods and other biological materials from agriculture and horticulture

Code	Title	Category ***	Category *	Category **	LUFA-Nord-West AA
DIN EN 15763; 2010-04 Adoption/Adaptation of the Test Procedure: 2025-07-14	Foodstuffs – Determination of trace elements – Determination of arsenic, cadmium, mercury and lead in foodstuffs by inductively coupled plasma mass spectrometry (ICP-MS) following pressure digestion; German version of EN 15763:2009	x	x		1/3-842 1/3-885
DIN EN 17053; 2018-03 Adoption/Adaptation of the Test Procedure: 2025-07-14	Feed – Sampling and analysis methods – Determination of trace elements, heavy metals and other elements in feed using ICP-MS (multi-method); German version of EN 17053:2018	x	x		1/3-842 1/3-890
DIN EN ISO 17294-2 (E 29); 2024-12 (mod.) Adoption/Adaptation of the Test Procedure: 2025-08-28	Water quality — Application of inductively coupled plasma mass spectrometry (ICP-MS) — Part 2: Determination of selected elements including uranium isotopes (feed, biogas slurry, foodstuffs; other sample preparation)	x	x		1/3-885 1/3-890

1.3.13 Determination of constituents and digestibility parameters in animal feed using enzymatic methods

Code	Title	Category ***	Category *	Category **	LUFA-Nord-West AA
ASU F 0064; 2011-06 Adoption/Adaptation of the Test Procedure: 2013-06-12	Determination of gas formation in feedstuffs according to the Hohenheim feed value test (summary of VDLUFA method 25.1 "Determination of gas formation according to the Hohenheim feed value test")	x	x		1/3-146
VDLUFA III 6.6.1; 2018-09 Adoption/Adaptation of the Test Procedure: 2025-03-31	Determination of enzyme-soluble organic matter	x	x		1/3-119
VDLUFA III 7.2.6; 2012 Adoption/Adaptation of the Test Procedure: 2013-06-12	Determination of the degree of starch digestion	x	x		1/3-149

1.3.14 Microscopic and macroscopic methods in animal feed

Code	Title	Category ***	Category *	Category **	LUFA-Nord-West AA
ASU F 0073; 2011-06 Adoption/Adaptation of the Test Procedure: 2023-12-20	Analysis of feedstuffs – Sample preparation for macroscopic and microscopic examination of feedstuffs (Summary of VDLUFA Method 30.1 "Sample preparation for macroscopic and microscopic examination")	x			1/3-197
ASU F 0074; 2011-06 Adoption/Adaptation of the Test Procedure: 2016-02-09	Analysis of feedstuffs – Determination of the content of ergot in feedstuffs – Macro- and microscopic methods (Summary of VDLUFA Method 30.2 “Determination of ergot in feedstuffs”)	x			1/3-199
ASU F 0075; 2011-06 Adoption/Adaptation of the Test Procedure: 2016-02-09	Analysis of feedingstuffs – Determination of the content of Datura spp. in feedingstuffs – Macro- and microscopic methods (Summary of VDLUFA Method 30.3 “Determination of Datura spp. in feedingstuffs”)	x			1/3-200
ASU F 0076; 2011-06 Adoption/Adaptation of the Test Procedure: 2016-02-09	Analysis of feedstuffs – Identification and estimation of constituents in compound feed – Macro- and microscopic methods (Summary of VDLUFA Method 30.7 “Identification and estimation of constituents in feedstuffs”)	x			1/3-198
IAG-A5; 2019 Adoption/Adaptation of the Test Procedure: 2025-07-02	Method for the Determination of Fruits and Seeds of Ambrosia spp. in Animal Feed 2019	x			1/3-211
LUFA Nord-West 1/3-217; 2016-0 Adoption/Adaptation of the Test Procedure: 2025-11-13	Detection of packaging materials in feed				1/3-217
VDLUFA III 30.5; 2012 Adoption/Adaptation of the Test Procedure: 2016-02-09	Determination of castor bean hulls in feed	x			1/3-203
VO (EG) 152/2009, Anhang VI (mod.) Adoption/Adaptation of the Test Procedure: 2016-02-09	Analytical method for the determination of constituents of animal origin in the official analysis of feed *Deviation: Alternative sample preparation without a sedimentation step, or using chloral hydrate*	x			1/3-209
VO (EG) 152/2009, Anhang VI Adoption/Adaptation of the Test Procedure: 2016-02-09	Analytical method for the determination of constituents of animal origin in the official analysis of feed	x			1/3-196

1.3.15 Electrode measurements in animal feed

Code	Title	Category ***	Category *	Category **	LUFA-Nord-West AA
DIN EN 16279; 2012-09 Adoption/Adaptation of the Test Procedure: 2025-02-19	Feed - Determination of fluoride content after hydrochloric acid treatment using an ion-selective electrode (ISE); German version of EN 16279:2012	x			1/3-850
LUFA Nord-West 1/3-155; 2022-04 Adoption/Adaptation of the Test Procedure: 2016-01-20	pH in commercial feed	x			1/3-155
VDLUFA III 18.1; 1976 Adoption/Adaptation of the Test Procedure: 2013-06-12	Determination of pH (in silage)	x			1/3-141

1.3.16 Further testing of animal feed

Code	Title	Category ***	Category *	Category **	LUFA-Nord-West AA
r-biopharm, Art. No. R-1401; 2012-09 Adoption/Adaptation of the Test Procedure: 2013-06-17	Detection of zearalenone in feed (ELISA)	x			1/3-033
r-biopharm, Art. No. R-5901/R-5902; 2017-07 Adoption/Adaptation of the Test Procedure: 2023-08-21	Detection of deoxynivalenol in animal feed (ELISA)	x			1/3-035
VO (EG) 152/2009, Anhang III, K; 2024-04 Adoption/Adaptation of the Test Procedure: 2025-03-26	Commission Regulation (EC) No 152/2009 of 27 January 2009 laying down the sampling procedures and methods of analysis for the official control of feed – Methods of analysis for the determination of the composition of feed materials and compound feed – Determination of starch content	x			1/3-122

1.4 Microbiological and molecular biological methods for the analysis of animal feed, crops, plants and foods, fertilisers, growing media, secondary raw material fertilisers and environmental samples

1.4.1 Determination of bacteria, yeasts and moulds by means of microbiological culture tests in animal feed, foods, other biological materials from agriculture and horticulture, and environmental samples

Code	Title	Category ***	Category *	Category **	LUFA-Nord-West AA
ASU F 0070; 2011-06 Adoption/Adaptation of the Test Procedure: 2024-02-15	Analysis of animal feed – Determination of the microbial count of bacteria, yeasts, moulds and smut fungi in animal feed (Summary of the VDLUFA method III 28.1.2 "Determination of the microbial count of bacteria, yeasts, moulds and smut fungi")	x	x	x	1/3-500
ASU F 0071; 2011-06 Adoption/Adaptation of the Test Procedure: 2024-02-15	Analysis of animal feed – Identification of bacteria, yeasts, moulds and black moulds in animal feed as product-specific or spoilage-indicating indicator organisms (Summary of VDLUFA Method III 28.1.3 "Procedural instructions for the identification of bacteria, yeasts, moulds and black moulds as product-specific or spoilage-indicating indicator organisms")	x	x	x	1/3-500
ASU L 00.00-57; 2006-12 Adoption/Adaptation of the Test Procedure: 2016-05-10	Food analysis — Method for the enumeration of Clostridium perfringens in foodstuffs — Colony count method (Adoption of the standard of the same name DIN EN ISO 7937, November 2004 edition)	x	x	x	1/3-565
ASU L 00.00-88-1; 2023-04 Adoption/Adaptation of the Test Procedure: 2023-07-25	Food analysis — Horizontal method for the enumeration of microorganisms — Part 1: Colony counting method at 30 °C using the pour plate method (Adoption of standard DIN EN ISO 4833-1, May 2022)	x	x	x	1/3-560
ASU L 01.00-37; 1991-12 Adoption/Adaptation of the Test Procedure: 2016-05-10	Food testing; determination of the number of yeasts and moulds in milk and milk products; reference method	x	x	x	1/3-562
Biomérieux 07882-I-2019-09 Adoption/Adaptation of the Test Procedure: 2024-01-23	API® 20 A	x	x	x	1/3-559
Biomérieux 08019-H-2020-10 Adoption/Adaptation of the Test Procedure: 2024-01-23	API® RAPID ID 32 E	x	x	x	1/3-559

1.4.1 Determination of bacteria, yeasts and moulds by means of microbiological culture tests in animal feed, foods, other biological materials from agriculture and horticulture, and environmental samples

Code	Title	Category ***	Category *	Category **	LUFA-Nord-West AA
DIN EN ISO 21528-2; 2019-05 (mod.) Adoption/Adaptation of the Test Procedure: 2024-06-03	Microbiology of the food chain — Horizontal method for the detection and enumeration of Enterobacteriaceae — Part 2: Colony counting method (ISO 21528-2:2017, corrected version 2018-06-01); German version EN ISO 21528-2:2017 *Modification: for swabs*	x	x	x	1/3-557
DIN EN ISO 21528-2; 2019-05 Adoption/Adaptation of the Test Procedure: 2024-06-03	Microbiology of the food chain — Horizontal method for the detection and enumeration of Enterobacteriaceae — Part 2: Colony counting method (ISO 21528-2:2017, corrected version 2018-06-01); German version EN ISO 21528-2:2017	x	x	x	1/3-557
DIN EN ISO 6579-1; 2020-08 Adoption/Adaptation of the Test Procedure: 2024-09-27	Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp. (ISO 6579-1:2017 + Amd.1:2020); German version EN ISO 6579-1:2017 + A1:202	x	x	x	1/3-510
ISO 21527-1; 2008-07 Adoption/Adaptation of the Test Procedure: 2018-11-12	Microbiology of food and animal products – Horizontal method for the enumeration of yeasts and moulds – Part 1: Colony count technique in products with water activity greater than 0.95.	x	x	x	1/3-562
LUFA Nord-West 1/3-515; 2022-11 Adoption/Adaptation of the Test Procedure: 2023-07-05	Qualitative and quantitative detection of Clostridia	x	x	x	1/3-515
LUFA Nord-West 1/3-523; 2023-05 Adoption/Adaptation of the Test Procedure: 2024-02-15	Inhibitor test; EEC four-plate test	x	x	x	1/3-523

1.4.2 Microbiological analysis of bacteria, yeasts and moulds using culture-based methods in fertilisers, growing media and secondary raw material fertilisers

Code	Title	Category ***	Category *	Category **	LUFA-Nord-West AA
ASU L 00.00-57; 2006-12 Adoption/Adaptation of the Test Procedure: 2024-02-23	Food analysis — Method for the enumeration of Clostridium perfringens in foodstuffs — Colony count method (Adoption of the standard of the same name DIN EN ISO 7937, November 2004 edition)	x	x	x	1/3-583
BGK Kap. IV C1; 2013-05 Adoption/Adaptation of the Test Procedure: 2023-12-18	Epidemiological hygiene Product testing for Salmonella	x	x	x	1/3-510
BGK Kap. IV C2; 2006-09 Adoption/Adaptation of the Test Procedure: 2016-05-10	Epidemiological hygiene: Total aerobic bacterial count (at 37 °C; TAC)	x	x	x	1/3-521
BGK Kap. IV C3; 2006-09 Adoption/Adaptation of the Test Procedure: 2016-05-10	Epidemiology Escherichia coli (E. coli)	x	x	x	1/3-503
BGK Kap. IV C4; 2006-09 Adoption/Adaptation of the Test Procedure: 2016-05-10	Epidemiological hygiene: Determination of enterococci	x	x	x	1/3-518
LUFA Nord-West 1/3-515; 2022-11 Adoption/Adaptation of the Test Procedure: 2023-07-05	Qualitative and quantitative detection of Clostridia	x	x	x	1/3-515
LUFA Nord-West 1/3-523; 2023-05 Adoption/Adaptation of the Test Procedure: 2024-02-15	Inhibitor test; EEC four-plate test	x	x	x	1/3-523
VDLUFA II.1, 14.1; 6. Erg. 2014 Adoption/Adaptation of the Test Procedure: 2023-12-18	Fertiliser testing: detection of Salmonella	x	x	x	1/3-510

1.4.3 Molecular biological methods for the analysis of animal feed, foods and other biological materials from agriculture and horticulture

1.4.3.1 Sample preparation via DNA extraction for the detection of genetically modified organisms (GMOs) and products derived from them, as well as species identification using PCR technology in animal feed, crops, plants and foods

Code	Title	Category ***	Category *	Category **	LUFA-Nord-West AA

1.4.3.1 Sample preparation via DNA extraction for the detection of genetically modified organisms (GMOs) and products derived from them, as well as species identification using PCR technology in animal feed, crops, plants and foods

Code	Title	Category ***	Category *	Category **	LUFA-Nord-West AA
ASU L 00.00-119; 2014-02 / DIN EN ISO 21571; 2013-08 Adoption/Adaptation of the Test Procedure: 2023-07-25	Food testing – Methods for the detection of genetically modified organisms and their products in food – Nucleic acid extraction (Adoption of the standard of the same name DIN EN ISO 21571, August 2013 edition)	x	x		1/3-550 1/3-5XQ
EURL-AP; 2014-07 Adoption/Adaptation of the Test Procedure: 2024-08-16	DNA extraction using the 'Wizard® Magnetic DNA Purification System for Food' kit	x	x		1/3-551
Promega Maxwell® HT 96 gDNA Blood Isolation-System; 2021-04 Adoption/Adaptation of the Test Procedure: 2024-08-16	DNA extraction using the "Maxwell® HT 96 gDNA Blood Isolation System"	x	x		1/3-551

1.4.3.2 Detection of genetically modified organisms (GMOs) and products derived from them, as well as species identification using PCR technology in animal feed, foods and other biological materials from agriculture and horticulture

Code	Title	Category ***	Category *	Category **	LUFA-Nord-West AA
ASU L 00.00-118; 2014-02 / DIN EN ISO 21569;2013-08 Adoption/Adaptation of the Test Procedure: 2024-08-22	Food analysis – Methods for the detection of genetically modified organisms and their products in food – Qualitative nucleic acid-based methods (Adoption of the standard of the same name DIN EN ISO 21569, August 2013 edition)	x	x	x	1/3-550 1/3-5XX
ASU L 00.00-125; 2008-12 Adoption/Adaptation of the Test Procedure: 2024-08-22	Detection of the CTP2-CP4-EPSPS gene sequence for screening for components from genetically modified organisms (GMOs) in food. Construct-specific method	x	x	x	1/3-550
ASU L 00.00-31; 2001-07 Adoption/Adaptation of the Test Procedure: 2016-03-15	Food testing – screening methods for the detection of genetically modified DNA sequences in food through the detection of DNA sequences commonly found in genetically modified organisms	x	x	x	1/3-550 1/3-5XX
LUFA Nord-West 1/3-577; 2018-03 Adoption/Adaptation of the Test Procedure: 2018-07-13	PCR method for species-specific detection of DNA sequences (e.g. deer, duck, turkey, horse, sheep, goat and salmon)	x	x	x	1/3-577 1/3-5XT 1/3-5XX
VDLUFA III 29.1; 2012 Adoption/Adaptation of the Test Procedure: 2021-01-15	Molecular biological detection of animal components (PCR method)	x	x	x	1/3-550 1/3-5XT 1/3-5XX

1.4.3.3 Detection of genetically modified organisms (GMOs) and products derived from them, as well as species identification using real-time PCR technology in animal feed, foods and other biological materials from agriculture and horticulture

Code	Title	Category ***	Category *	Category **	LUFA-Nord-West AA
ASU L 00.00-105; 2014-02 Adoption/Adaptation of the Test Procedure: 2018-06-12	Food analysis — Methods for the detection of genetically modified organisms and their products — Quantitative nucleic acid-based methods (Adoption of the standard of the same name DIN EN ISO 21570, August 2013 edition)	x	x	x	1/3-548 1/3-5XQ 1/3-5XX
ASU L 00.00-118; 2014-02 / DIN EN ISO 21569;2013-08 Adoption/Adaptation of the Test Procedure: 2026-03-10	Food analysis – Methods for the detection of genetically modified organisms and their products in food – Qualitative nucleic acid-based methods (Adoption of the standard of the same name DIN EN ISO 21569, August 2013 edition)	x	x	x	1/3-5XQ

1.4.3.3 Detection of genetically modified organisms (GMOs) and products derived from them, as well as species identification using real-time PCR technology in animal feed, foods and other biological materials from agriculture and horticulture

Code	Title	Category ***	Category *	Category **	LUFA-Nord-West AA
ASU L 06.00-69; 2019-03 Adoption/Adaptation of the Test Procedure: 2021-01-15	Analysis of foodstuffs – Detection and identification of the roe deer (Capreolus capreolus) species by real-time PCR in meat and meat products	x	x	x	1/3-5XT
ASU L 15.06-3; 2013-08 Adoption/Adaptation of the Test Procedure: 2020-02-04	Analysis of foodstuffs – Detection of genetically modified cry1Ab/Ac and P-ubi-cry DNA sequences in rice products by real-time PCR – Element-specific and construct-specific methods	x	x	x	1/3-581 1/3-5XX
BIOTECON foodproof® Soya Detection Kit, 2014-10; Adoption/Adaptation of the Test Procedure: 2023-07-25	PCR kit for the quantification of soya DNA / Biotecon Diagnostics – foodproof® Soya Detection Kit – 5'-nuclease – Version 1, October 2014; PCR kit for the quantitative detection of soya DNA using real-time PCR instruments	x	x	x	1/3-5XQ
CRLVL01/04VP; 2005-02 Adoption/Adaptation of the Test Procedure: 2026-03-16	Event-specific method for the quantification of maize line MON 863 using real-time PCR	x	x	x	1/3-581
CRLVL01/08VP; 2009-01, corrected version 1 Adoption/Adaptation of the Test Procedure: 2019-07-10	Event-specific method for the quantification of soybean event A5547-127 using real-time PCR	x	x	x	1/3-581 1/3-5XQ 1/3-5XX
CRLVL02/04VP; 2005-02 Adoption/Adaptation of the Test Procedure: 2019-04-08	Event-specific method for the quantification of maize line TC1507 using real-time PCR	x	x	x	1/3-581 1/3-5XQ 1/3-5XX
CRLVL05/04VP 2006-06 Adoption/Adaptation of the Test Procedure: 2022-08-02	Event-specific method for the quantification of rice line LLRICE62 using real-time PCR	x	x	x	1/3-5XX
CRLVL05/06VP; 2013-08 Adoption/Adaptation of the Test Procedure: 2026-03-16	Event-specific method for the quantification of soybean line MON89788 using real-time PCR	x	x	x	1/3-581 1/3-5XQ 1/3-5XX
CRLVL06/04VP; 2007-01; Corrected version 1 Adoption/Adaptation of the Test Procedure: 2019-04-08	Event-specific method for the quantification of oilseed rape line Ms8 using real-time PCR	x	x	x	1/3-581 1/3-5XQ 1/3-5XX
CRLVL06/06VP; 2008-10 Adoption/Adaptation of the Test Procedure: 2024-02-23	Event-specific method for the quantification of maize line MON 89034 using real-time PCR 2008-10	x	x	x	1/3-581 1/3-5XQ 1/3-5XX
CRLVL07/04VP; 2013-02; Corrected version 1 Adoption/Adaptation of the Test Procedure: 2023-04-18	Event-specific method for the quantification of oilseed rape line Rf3 using real-time PCR	x	x	x	1/3-581 1/3-5XQ 1/3-5XX
CRLVL13/05VP; 2007-05 Adoption/Adaptation of the Test Procedure: 2024-02-23	Event-specific method for the quantification of soybean line A2704-12 using real-time PCR	x	x	x	1/3-581 1/3-5XQ 1/3-5XX

1.4.3.3 Detection of genetically modified organisms (GMOs) and products derived from them, as well as species identification using real-time PCR technology in animal feed, foods and other biological materials from agriculture and horticulture

Code	Title	Category ***	Category *	Category **	LUFA-Nord-West AA
CRLVL15/05VP; 2010-03 corrected version 1 Adoption/Adaptation of the Test Procedure: 2026-01-27	Event-specific method for the quantification of maize line MON 863 using real-time PCR	x	x	x	1/3-5XQ 1/3-5XX
CRLVL26/04VP; 2007-02 Adoption/Adaptation of the Test Procedure: 2024-08-22	Event-specific Method for the Quantification of Oilseed Rape Line RT73 Using Real-time PCR	x	x	x	1/3-581 1/3-5XQ 1/3-5XX
CRLVL27/04VP; 2005-01 Adoption/Adaptation of the Test Procedure: 2024-02-23	Event-specific method for the quantification of maize line NK603 using real-time PCR	x	x	x	1/3-581 1/3-5XQ 1/3-5XX
EURL-AP 2021-05 Adoption/Adaptation of the Test Procedure: 2023-07-25	Animal Proteins, ‘Detection of ruminant DNA in feed using real-time PCR’ Gembloux, Belgium	x	x	x	1/3-573 1/3-5XT
EURL-AP 2021-09 Adoption/Adaptation of the Test Procedure: 2023-07-25	“Detection of pig DNA in feed using real-time PCR” Gembloux, Belgium	x	x	x	1/3-573 1/3-5XT
EURL-VL-01/12 VP; 2015-03 Adoption/Adaptation of the Test Procedure: 2024-11-21	Event-specific method for the quantification of soybean DAS-44406-6 by real-time PCR	x	x	x	1/3-581 1/3-5XQ 1/3-5XX
EURL-VL-02/11VP; 2013-05 Adoption/Adaptation of the Test Procedure: 2024-11-21	Event-specific method for the quantification of soybean MON87708 using real-time	x	x	x	1/3-581 1/3-5XQ 1/3-5XX
EURL-VL-09/11VP; 2013-11 Adoption/Adaptation of the Test Procedure: 2026-03-20	Event-specific method for the quantification of oilseed rape MON88302 using real-time PCR	x	x	x	1/3-581 1/3-5XQ 1/3-5XX
Hygiena BAX® System PCR 2021-11 Adoption/Adaptation of the Test Procedure: 2024-03-18	BAX® System PCR Assay for Salmonella 2	x	x	x	1/3-505
hygiena foodproof® Soys Detection Kit, 2023-12 Adoption/Adaptation of the Test Procedure: 2026-03-16	PCR kit for the quantification of soya DNA / Hygiena – food-proof® Soya Detection Kit – 5'-nuclease – Revision A, December 2023 - PCR kit for the qualitative detection of soya DNA using real-time PCR instruments	x	x	x	1/3-584
LUFA Nord-West 1/3-547; 2026-03 Adoption/Adaptation of the Test Procedure: 2026-03-31	Real-time PCR for the quantitative determination of genetically modified GA 21 maize	x	x	x	1/3-547 1/3-5XQ 1/3-5XX

1.4.3.4 Detection of genetically modified organisms (GMOs) and products derived from them, as well as species identification using multiplex real-time PCR technology in animal feed, foods and other biological materials from agriculture and horticulture

Code	Title	Category ***	Category *	Category **	LUFA-Nord-West AA
ASU G 30.40-14; 2017-03 Adoption/Adaptation of the Test Procedure: 2018-07-12	Detection of CTP2-CP4-EPSPS, pat and bar sequences using triplex real-time PCR in plant material – construct-specific and element-specific methods (adoption of the official method L 00.00-154, August 2014, Volume I (Food) of the Official Collection)	x	x	x	1/3-578 1/3-5XX
ASU L 08.00-61; 2016-03 Adoption/Adaptation of the Test Procedure: 2023-02-09	Food testing – Detection of bovine, porcine, turkey and chicken species in sausage products using multiplex real-time PCR	x	x	x	1/3-574 1/3-5XT
ASU L 08.00-62; 2016-03 Adoption/Adaptation of the Test Procedure: 2023-05-23	Food testing – detection of bovine, porcine, ovine and equine species in sausage products using multiplex real-time PCR	x	x	x	1/3-574 1/3-5XT
hygiena foodproof® GMO Screening 2 LyoKit; 2023-09 Adoption/Adaptation of the Test Procedure: 2024-03-18	PCR kit for the qualitative detection of genetically modified plants (bar, P-35S-pat, CTP2-CP4-EPSPS, P-NOS-nptII and P-35S-nptII) using RT-PCR	x	x	x	1/3-579 1/3-5XX
hygiena foodproof® GMO Screening Kit; 2024-01 Adoption/Adaptation of the Test Procedure: 2024-03-18	35S; NOS bar FMV, plant DNA	x	x	x	1/3-567 1/3-5XX

1.5, Group IV, O Testing for airborne pollutants in sectors regulated under immission control legislation, Group IV, Code O

Code	Title	Category ***	Category *	Category **	LUFA-Nord-West AA
DIN EN 16841-1; 2017-03 Adoption/Adaptation of the Test Procedure: 2024-01-03	Outdoor air – Determination of odour emissions by field surveys – Part 1: Grid sampling; German version of EN 16841-1:2016	x			1/1-903

1.5, Group I.1, G Testing for airborne pollutants in sectors regulated under immission control legislation, Group I.1, Code G

Code	Title	Category ***	Category *	Category **	LUFA-Nord-West AA
DIN CEN/TS 13649; 2015-03 Adoption/Adaptation of the Test Procedure: 2024-09-27	Emissions from stationary sources – Determination of the mass concentration of individual gaseous organic compounds – Sorptive sampling and solvent extraction or thermal desorption; German version CEN/TS 13649:2014	x			1/1-960
DIN CEN/TS 13649; 2015-03 Adoption/Adaptation of the Test Procedure: 2024-02-20	Emissions from stationary sources — Determination of the mass concentration of individual gaseous organic compounds — Sorptive sampling and solvent extraction or thermal desorption; German version of CEN/TS 13649:2014	x			1/1-950
DIN CEN/TS 17021; 2017-05 Adoption/Adaptation of the Test Procedure: 2024-02-20	Emissions from stationary sources – Determination of the mass concentration of sulphur dioxide using instrumental methods; German version of CEN/TS 17021:2017	x			1/1-904 1/1-948
DIN CEN/TS 17337; 2019-08 Adoption/Adaptation of the Test Procedure: 2025-02-03	Emissions from stationary sources — Determination of the mass concentration of multiple gaseous substances — Fourier-transform infrared spectroscopy; German version of CEN/TS 17337:2019	x			1/1-904
DIN CEN/TS 17340; 2021-01 Adoption/Adaptation of the Test Procedure: 2025-01-17	Emissions from stationary sources – Determination of the mass concentration of fluorinated compounds, expressed as H e (HF) – Standard reference method; German version of CEN/TS 17340:2020	x			1/1-947
DIN CEN/TS 17405; 2020-11 Adoption/Adaptation of the Test Procedure: 2025-02-03	Emissions from stationary sources — Determination of the volume concentration of carbon dioxide — Reference method: Infrared spectrometry; German version of CEN/TS 17405:2020	x			1/1-904
DIN EN 12619; 2013-04 Adoption/Adaptation of the Test Procedure: 2024-02-21	Emissions from stationary sources – Determination of the mass concentration of total gaseous organically bound carbon – Continuous method using a flame ionisation detector; German version of EN 12619:2013	x			1/1-949

1.5, Group I.1, G Testing for airborne pollutants in sectors regulated under immission control legislation, Group I.1, Code G

Code	Title	Category ***	Category *	Category **	LUFA-Nord-West AA
DIN EN 14789; 2017-05 Adoption/Adaptation of the Test Procedure: 2024-02-20	Emissions from stationary sources – Determination of the volume concentration of oxygen – Standard reference method: Paramagnetism; German version of EN 14789:2017	x			1/1-948
DIN EN 14790; 2017-05 Adoption/Adaptation of the Test Procedure: 2025-02-03	Emissions from stationary sources – Determination of water vapour in ducts – Standard reference method; German version of EN 14790:2017	x			1/1-951
DIN EN 14791; 2017-05 Adoption/Adaptation of the Test Procedure: 2024-02-15	Emissions from stationary sources – Determination of the mass concentration of sulphur oxides – Standard reference method; German version of EN 14791:2017	x			1/1-946
DIN EN 14792; 2017-05 Adoption/Adaptation of the Test Procedure: 2024-02-20	Emissions from stationary sources — Determination of the mass concentration of nitrogen oxides — Standard reference method: Chemiluminescence; German version of EN 14792:2017	x			1/1-948
DIN EN 15058; 2017-05 Adoption/Adaptation of the Test Procedure: 2024-02-20	Emissions from stationary sources — Determination of the mass concentration of carbon monoxide — Standard reference method: Non-dispersive infrared spectrometry; German version of EN 15058:2017	x			1/1-948
DIN EN 1911; 2010-12 Adoption/Adaptation of the Test Procedure: 2024-02-20	Emissions from stationary sources – Determination of the mass concentration of gaseous chlorides, expressed a e as HCl – Standard reference method; German version of EN 1911:2010	x			1/1-947
DIN EN ISO 21877; 2020-01 Adoption/Adaptation of the Test Procedure: 2025-02-03	Emissions from stationary sources – Determination of the mass concentration of ammonia – Manual method (ISO 21877:2019); German version of EN ISO 21877:2019	x			1/1-929
VDI 3862 Blatt 4; 2001-05 Adoption/Adaptation of the Test Procedure: 2024-02-21	Measurement of gaseous emissions - Measurement of formaldehyde using the AHMT method	x			1/1-955
VDI 3862 Blatt 8; 2015-06 Adoption/Adaptation of the Test Procedure: 2024-01-03	Measurement of gaseous emissions – Measurement of formaldehyde in the exhaust gas of internal combustion engines – FTIR method	x			1/1-904
VDI 3878; 2017-09 Adoption/Adaptation of the Test Procedure: 2022-01-25	Measurement of gaseous emissions – Measurement of ammonia (and gaseous and vapour-phase ammonium compounds) – Manual method	x			1/1-929

1.5, Group I.1, General Testing for airborne pollutants in sectors regulated by air pollution control legislation, Group I.1, General

Code	Title	Category ***	Category *	Category **	LUFA-Nord-West AA
DIN EN 14789; 2017-05 Adoption/Adaptation of the Test Procedure: 2024-02-20	Emissions from stationary sources – Determination of the volume concentration of oxygen – Standard reference method: Paramagnetism; German version of EN 14789:2017	x			1/1-948
DIN EN ISO 16911-1; 2013-06 Adoption/Adaptation of the Test Procedure: 2024-02-22	Emissions from stationary sources — Manual and automatic determination of velocity and flow rate in flue gas ducts — Part 1: Manual reference method (ISO 16911-1:2013); German version of EN ISO 16911-1:2013	x			1/1-958

1.5, Group I.1, O Testing for airborne pollutants in sectors regulated under immission control legislation, Group I.1, Code O

Code	Title	Category ***	Category *	Category **	LUFA-Nord-West AA
DIN EN 13725; 2022-06 Adoption/Adaptation of the Test Procedure: 2024-02-15	Emissions from stationary sources – Determination of odourant concentration by dynamic olfactometry and the odourant emission rate; German version of EN 13725:2022	x			1/1-901 1/1-902 1/1-933 1/1-934 1/1-935 1/1-936

1.5, Group I.1, O Testing for airborne pollutants in sectors regulated under immission control legislation, Group I.1, Code O

Code	Title	Category ***	Category *	Category **	LUFA-Nord-West AA
VDI 3880; 2011-10 Adoption/Adaptation of the Test Procedure: 2024-01-02	Olfactometry – Static sampling	x			1/1-901 1/1-933 1/1-934 1/1-935 1/1-936
VDI 3884 Blatt 1; 2015-02 Adoption/Adaptation of the Test Procedure: 2024-02-15	Olfactometry – Determination of odourant concentration using dynamic olfactometry – Guidance on the application of standard DIN EN 13725	x			1/1-901 1/1-933 1/1-934 1/1-935 1/1-936

1.5, Group I.1, P Testing for airborne pollutants in sectors regulated under immission control legislation, Group I.1, Code P

Code	Title	Category ***	Category *	Category **	LUFA-Nord-West AA
DIN EN 13211 Berichtigung 1; 2005-06 Adoption/Adaptation of the Test Procedure: 2024-01-04	Air quality — Emissions from stationary sources — Manual method for the determination of total mercury concentration; German version of EN 13211:2001, corrections to DIN EN 13211:2001-06; German version of EN 13211:2001/AC:2005	x			1/1-926 4/2A-051
DIN EN 13211; 2001-06 Adoption/Adaptation of the Test Procedure: 2024-01-04	Air quality — Emissions from stationary sources — Manual method for the determination of total mercury concentration; German version of EN 13211:2001	x			1/1-926
DIN EN 13284-1; 2018-02 Adoption/Adaptation of the Test Procedure: 2024-01-04	Emissions from stationary sources – Determination of dust mass concentration at low dust concentrations – Part 1: Manual gravimetric method; German version of EN 13284-1:2017	x			1/1-922
DIN EN 14385; 2004-05 Adoption/Adaptation of the Test Procedure: 2015-02-03	Emissions from stationary sources – Determination of total emissions of As, Cd, Cr, Co, Cu, Mn, Ni, Pb, Sb, Ti and V; German version of EN 14385:2004	x			1/1-926 4/2A-002 4/2A-036 4/2A-050
VDI 2066 Blatt 1; 2021-05 Adoption/Adaptation of the Test Procedure: 2024-01-04	Particle measurement – Dust measurement in flowing gases – Gravimetric determination of dust load	x			1/1-922

1.6 Testing for airborne pollutants in sectors not covered by air pollution control legislation

Code	Title	Category ***	Category *	Category **	LUFA-Nord-West AA
LUFA Nord-West 1/1-904; 2023-07 Adoption/Adaptation of the Test Procedure: 2024-01-04	Analysis of gases using FTIR				1/1-904

1.7 List of examination procedures for the WASTE module, as per LAGA, May 2018

Code	Title	Category ***	Category *	Category **	LUFA-Nord-West AA
BGK Kap. II. C1.1/C1.2; 2020-04 Adoption/Adaptation of the Test Procedure: 2022-12-19	Foreign matter content in solid/liquid substances				1/1-630
BGK Kap. II. C1.1; 2020-04 Adoption/Adaptation of the Test Procedure: 2021-01-28	Foreign matter content in solids				1/1-630
BGK Kap. II. C1.2; 2020-04 Adoption/Adaptation of the Test Procedure: 2021-01-28	Foreign matter content in liquids				1/1-630
BGK Kap. II. C2.1; 2013-05 Adoption/Adaptation of the Test Procedure: 2021-01-28	Stone content				1/1-630
BGK Kap. IV B1; 2006-09 Adoption/Adaptation of the Test Procedure: 2013-02-11	Content of viable seeds and plant parts capable of sprouting				1/1-612
BGK Kap. IV C1; 2013-05 Adoption/Adaptation of the Test Procedure: 2023-12-18	Epidemiological hygiene Product testing for Salmonella				1/3-510
DIN EN 13037; 2012-01 Adoption/Adaptation of the Test Procedure: 2023-10-02	Soil improvers and growing media – Determination of pH; German version of EN 13037:2011				1/1-317
DIN EN 13038; 2012-01 Adoption/Adaptation of the Test Procedure: 2018-01-16	Soil improvers and growing media – Determination of electrical conductivity; German version of EN 13038:2011				1/1-317 1/1-533
DIN EN 13039; 2012-01 Adoption/Adaptation of the Test Procedure: 2017-06-20	Soil improvers and growing media – Determination of organic matter and ash content; German version of EN 13039:2011				1/1-617
DIN EN 13040; 2008-01 Adoption/Adaptation of the Test Procedure: 2013-02-11	Soil improvers and growing media – Sample preparation for chemical and physical analyses, determination of dry residue, moisture content and laboratory bulk density; German version of EN 13040:2007				1/1-532

1.8 Radiological testing of fertilisers, animal feed, soil, milk and dairy products, and all types of samples for environmental radiation monitoring

Code	Title	Category ***	Category *	Category **	LUFA-Nord-West AA
LUFA Nord-West 1/3A-033; 2023-05 Adoption/Adaptation of the Test Procedure: 2024-11-11	Gamma-spectrometric determination of radionuclides (Federal measurement guidelines)	x			1/3A-033
LUFA Nord-West 1/3A-056; 2023-06 Adoption/Adaptation of the Test Procedure: 2023-07-03	Determination of strontium-89/90 in fertilisers, soil, animal feed, crops and plants, water and foodstuffs using an alpha/beta LowCounter (including determination of chemical speciation by ICP-OES following microwave pressure digestion)	x			1/3A-056

1.9 Analysis of water (drinking water, livestock water, well water, process water, surface water and irrigation water)

1.9.1 Microbiological examinations

Code	Title	Category ***	Category *	Category **	LUFA-Nord-West AA
DIN EN ISO 14189; 2016-11 Adoption/Adaptation of the Test Procedure: 2019-03-15	Water quality – Enumeration of Clostridium perfringens – Method using membrane filtration (ISO 14189:2013); German version of EN ISO 14189:2016	x			1/3-522
DIN EN ISO 6222 (K 5); 1999-07 Adoption/Adaptation of the Test Procedure: 2015-07-22	Water quality — Quantitative determination of cultivable microorganisms — Determination of colony count by inoculation into a nutrient agar medium (ISO 6222:1999); German version of EN ISO 6222:1999	x			1/3-522
DIN EN ISO 9308-2; 2014-06 Adoption/Adaptation of the Test Procedure: 2025-01-30	Water quality – Enumeration of Escherichia coli and coliform bacteria – Part 2: Method for determining the most probable number	x			1/3-519 1/3-534

1.9.1 Microbiological examinations

Code	Title	Category ***	Category *	Category **	LUFA-Nord-West AA
DIN EN ISO 9308-3; 1999-07 Adoption/Adaptation of the Test Procedure: 2024-07-02	Water quality – Detection and enumeration of Escherichia coli and coliform bacteria in surface water and wastewater – Part 3: Miniaturised method by inoculation into liquid medium (MPN method)	x			1/3-534
Enterolert®-DW/Quanti-Tray® (IDEXX); 2023 Adoption/Adaptation of the Test Procedure: 2025-03-05	Detection of Enterococcus spp. (Enterolert®-DW/Quanti-Tray®)	x			1/3-519
ISO 21527-1; 2008-07 Adoption/Adaptation of the Test Procedure: 2024-06-03	Microbiology of food and animal products – Horizontal method for the enumeration of yeasts and moulds – Part 1: Colony count technique in products with water activity greater than 0.95.	x			1/3-535
LUFA Nord-West 1/3-523; 2023-05 Adoption/Adaptation of the Test Procedure: 2024-02-15	Inhibitor test; EEC four-plate test				1/3-523
Pseudalert®-DW/Quanti-Tray® (IDEXX); 2024 Adoption/Adaptation of the Test Procedure: 2025-03-05	Detection of Pseudomonas aeruginosa (Pseudalert®-DW/Quanti-Tray®)	x			1/3-519

1.9.2 Physical and physico-chemical analyses

Code	Title	Category ***	Category *	Category **	LUFA-Nord-West AA
DIN EN ISO 10304-1 (D 20); 2009-07 Adoption/Adaptation of the Test Procedure: 2016-04-28	Water quality – Determination of dissolved anions by liquid ion chromatography, Part 1: Determination of bromide, chloride, fluoride, nitrate, nitrite, phosphate and sulphate.	x			1/3-705
DIN EN ISO 10523 (C5); 2012-04 Adoption/Adaptation of the Test Procedure: 2016-04-28	Water quality – Determination of pH (ISO 10523:2008); German version of EN ISO 10523:2012	x			1/3-702
DIN EN ISO 11885 (E 22); 2009-09 Adoption/Adaptation of the Test Procedure: 2023-10-23	Water quality — Determination of selected elements by inductively coupled plasma atomic emission spectrometry (ICP-OES) (ISO 11885:2007); German version of EN ISO 11885:2009	x			1/3-703 1/3-892
DIN EN ISO 8467 (H 5); 1995-05 Adoption/Adaptation of the Test Procedure: 2016-04-28	Water quality – Determination of the permanganate index (ISO 8467:1993); German version of EN ISO 8467:1995	x			1/3-701

2. Tests at Site 2; Veterinary medicine: testing of animal samples and hygiene status checks for diagnostic purposes

2.1 DNA and RNA – Isolation

Code	Title	Category ***	Category *	Category **	LUFA-Nord-West AA
5x MagMAX™ Pathogen RNA/DNA Kit 2024-01 Adoption/Adaptation of the Test Procedure: 2026-03-09	5x MagMAX™ Pathogen RNA/DNA Kit	x	x	x	2/4-504
MagMAX™ Core Nucleic Acid Purification Kit 2018-11 Adoption/Adaptation of the Test Procedure: 2024-01-19	MagMAX™ Core Nucleic Acid Purification Kit	x	x	x	2/4-504
Maxwell™ 16 Tissue Kit DNA Purification Kit, 2017-08 Adoption/Adaptation of the Test Procedure: 2024-01-19	Maxwell™ 16 Tissue Kit DNA Purification Kit	x	x	x	2/4-504
QIAamp® Viral RNA Mini, 2023-06 Adoption/Adaptation of the Test Procedure: 2024-02-14	QIAamp Viral RNA Mini Kit	x	x	x	2/4-504
RNeasy® Fibrous Tissue Mini, 2021-09 Adoption/Adaptation of the Test Procedure: 2026-03-09	RNeasy Fibrous Tissue Mini Kit	x	x	x	2/4-504

2.1 DNA and RNA – Isolation

Code	Title	Category ***	Category *	Category **	LUFA-Nord-West AA
virotype® Tissue Lysis Reagent 2018-05 Adoption/Adaptation of the Test Procedure: 2024-01-19	Virotype® TLR	x	x	x	2/4-504

2.2 Microbiology (including bacteriology, mycology, infectious disease serology and molecular biology)

2.2.1 Cultural examinations of milk, faeces (including faecal swabs), tissue samples (including aspirates), swabs and lavage fluids for bacteria, including biochemical differentiation

Code	Title	Category ***	Category *	Category **	LUFA-Nord-West AA
api ID 32 E Version 07991-K-2021-12-de Adoption/Adaptation of the Test Procedure: 2023-11-06	Differentiation of bacteria using biochemical reactions and a database – Bio Mérieux (API)	x	x	x	2/4-107
DIN CEN ISO/TR 6579-3; 2014-12 Adoption/Adaptation of the Test Procedure: 2023-08-23	Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 3: Guidance on the serotyping of Salmonella spp. (ISO/TR 6579-3:2014); German version of CEN ISO/TR 6579-3:2014	x	x	x	2/4-219
DIN EN ISO 6579-1; 2020-08 (mod.) Adoption/Adaptation of the Test Procedure: 2023-10-04	Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp. (ISO 6579-1:2017 + Amd.1:2020); German version EN ISO 6579-1:2017 + A1:202 *Modification: no weighing*	x	x	x	2/4-224
LUFA Nord-West 2/4-101; 2025-04 Adoption/Adaptation of the Test Procedure: 2025-04-07	Cultural detection of aerobic pathogenic bacteria from swabs, secretions, organ samples and faecal samples from animals	x	x	x	2/4-101
LUFA Nord-West 2/4-106; 2024-11 Adoption/Adaptation of the Test Procedure: 2024-12-09	Resistance testing of bacteria using the microdilution method	x	x	x	2/4-106
LUFA Nord-West 2/4-109; 2024-09 Adoption/Adaptation of the Test Procedure: 2024-10-18	Cultural detection of anaerobic bacteria from organs and faecal/swab samples from animals	x	x	x	2/4-109
LUFA Nord-West 2/4-111; 2026-01 Adoption/Adaptation of the Test Procedure: 2026-03-13	Gram staining	x	x	x	2/4-111
LUFA Nord-West 2/4-201; 2024-08 Adoption/Adaptation of the Test Procedure: 2024-10-18	Cultural detection of bacteria, yeasts and moulds in milk samples	x	x	x	2/4-201

2.2.2 Cultural analyses of hygiene status samples, including biochemical differentiation

Code	Title	Category ***	Category *	Category **	LUFA-Nord-West AA
LUFA Nord-West 2/4-203; 2023-01 Adoption/Adaptation of the Test Procedure: 2018-07-25	Bacteriological examination of milking machine swabs	x	x	x	2/4-203

2.2.3 Agglutination of proteins in blood

Code	Title	Category ***	Category *	Category **	LUFA-Nord-West AA
Amtliche Methodensammlung des FLI; 2025-03 Adoption/Adaptation of the Test Procedure: 2025-07-02	Brucellosis in cattle, pigs, sheep and goats	x	x		2/4-622

2.2.4 Complement-binding reaction of proteins in blood

Code	Title	Category ***	Category *	Category **	LUFA-Nord-West AA
Amtliche Methodensammlung des FLI; 2025-03 Adoption/Adaptation of the Test Procedure: 2025-07-02	Brucellosis in cattle, pigs, sheep and goats	x	x		2/4-641

2.2.5 ELISA (ligand assay) for the detection of proteins in blood and milk

Code	Title	Category ***	Category *	Category **	LUFA-Nord-West AA
Amtliche Methodensammlung des FLI; 2025-02 Adoption/Adaptation of the Test Procedure: 2025-07-15	Q fever (Coxiella burnetii) (ID Screen® Q Fever Indirect; 2022-11)	x	x		2/4-645
Amtliche Methodensammlung des FLI; 2025-03 Adoption/Adaptation of the Test Procedure: 2025-07-02	Brucellosis in cattle, pigs, sheep and goats (ELISA) (IDEXX Brucellosis Milk X2; 06-40709-12)	x	x		2/4-636 2/4-693 2/4-701
Amtliche Methodensammlung des FLI; 2025-05 Adoption/Adaptation of the Test Procedure: 2025-07-02	Paratuberculosis (Mycobacterium avium subsp. paratuberculosis) (ELISA) (IDEXX Paratuberculosis Screening; 06-07130-31)	x	x		2/4-698
ID Screen APP Screening indirect Adoption/Adaptation of the Test Procedure: 2025-03-10	ID Screen APP Screening indirect (ID Vet APPS; Stand 03.2021)	x	x		2/4-629
ID.vet Zul.-Nr. FLI-B 519 Adoption/Adaptation of the Test Procedure: 2015-04-30	ID Screen Chlamydophila abortus indirect (ID Screen® Chlamydophila abortus Indirect; 2023-02)	x	x		2/4-647
ID.vet Zul.-Nr. FLI-B 590 Adoption/Adaptation of the Test Procedure: 2026-03-16	ID Screen Brucellosis Serum indirect (ID Screen® Brucellosis Serum Indirect Multi-species; 2025-09)	x	x		2/4-636
ID.vet Zul.-Nr. FLI-B 593 Adoption/Adaptation of the Test Procedure: 2020-12-21	ID Screen Brucellosis Milk Indirect (ID Screen® Brucellosis Milk Indirect; 2024-12)	x	x		2/4-701
ID.vet Zul.-Nr. FLI-B 612 Adoption/Adaptation of the Test Procedure: 2015-08-26	ID Screen Q fever indirect (ID Screen® Q Fever Indirect; 2022-11)	x	x		2/4-645
IDEXX Zul.-Nr. BGAF-B 023 Adoption/Adaptation of the Test Procedure: 2015-08-26	Kit for the detection of antibodies against brucellosis in bovine milk (IDEXX Brucellosis Milk X2; 06-40709-12)	x	x		2/4-693
IDEXX Zul.-Nr. BGVV-B 263 Adoption/Adaptation of the Test Procedure: 2014-09-16	Test for the detection of antibodies against paratuberculosis Screening (IDEXX Paratuberculosis Screening; 06-07130-31)	x	x		2/4-698
Indical Zul.-Nr. BFAV-B 380 Adoption/Adaptation of the Test Procedure: 2015-08-26	pigtype Salmonella Ab (pigtype® Salmonella Ab; 2018-05)	x	x		2/4-648

2.2.6 Microagglutination test for the detection of proteins in the blood

Code	Title	Category ***	Category *	Category **	LUFA-Nord-West AA
LUFA Nord-West 2/4-803; 2023-06 Adoption/Adaptation of the Test Procedure: 2023-06-19	Serological diagnosis of Leptospira serovars using a microagglutination test	x	x	x	2/4-803

2.2.7 Amplification method for the detection of nucleic acid in faeces

2.2.7.1 Realtime-PCR

Code	Title	Category ***	Category *	Category **	LUFA-Nord-West AA
Amtliche Methodensammlung des FLI; 2025-04 Adoption/Adaptation of the Test Procedure: 2025-07-02	Paratuberculosis (Mycobacterium avium subsp. paratuberculosis) (PCR) (bactotype®MAP PCR Kit; 06/2018)	x	x	x	2/4-551
INDICAL Zul.-Nr. FLI-B 651 Adoption/Adaptation of the Test Procedure: 2017-05-31	bactotype MAP PCR Kit (bactotype®MAP PCR Kit; 06/2018)	x	x	x	2/4-551
LUFA Nord-West 2/4-531; 2024-10 Adoption/Adaptation of the Test Procedure: 2024-11-12	Detection of Brachyspira hyodysenteriae/pilosicoli and Lawsonia intracellularis DNA from faeces and the intestine using real-time PCR	x	x	x	2/4-531
LUFA Nord-West 2/4-534; 2021-09 Adoption/Adaptation of the Test Procedure: 2014-10-28	Chlamydia - PCR	x	x	x	2/4-534
MagMAXTM Core Mechanical Lysis Module, Version: 16. November 2017 Adoption/Adaptation of the Test Procedure: 2024-02-07	Thermo Fisher, MagMAXTM Core Mechanical Lysis Module, Version: 16 November 2017 (bactotype®MAP PCR Kit; 06/2018)	x	x	x	2/4-551

2.2.8 Amplification methods for the detection of nucleic acids in tissue samples, including aspirates, body fluids and cultures

2.2.8.1 Realtime-PCR

Code	Title	Category ***	Category *	Category **	LUFA-Nord-West AA
Amtliche Methodensammlung des FLI; 2025-02 Adoption/Adaptation of the Test Procedure: 2025-07-07	Q fever real-time PCR (bactotype® C. burnetii PCR Kit; 05/2019)	x	x	x	2/4-548
Amtliche Methodensammlung des FLI; 2025-04 Adoption/Adaptation of the Test Procedure: 2025-07-02	Contagious equine metritis (Taylorella equigenitalis) (ADIAVET™ CEMO Taylorella Real Time; 2021-08)	x	x	x	2/4-501
Amtliche Methodensammlung des FLI; 2025-04 Adoption/Adaptation of the Test Procedure: 2025-07-02	Paratuberculosis (Mycobacterium avium subsp. paratuberculosis) (PCR) (bactotype®MAP PCR Kit; 06/2018)	x	x	x	2/4-551
INDICAL Zul.-Nr. FLI-B 651 Adoption/Adaptation of the Test Procedure: 2017-05-31	bactotype MAP PCR Kit (bactotype®MAP PCR Kit; 06/2018)	x	x	x	2/4-551
LUFA Nord-West 2/4-531; 2024-10 Adoption/Adaptation of the Test Procedure: 2024-11-12	Detection of Brachyspira hyodysenteriae/pilosicoli and Lawsonia intracellularis DNA from faeces and the intestine using real-time PCR	x	x	x	2/4-531
LUFA Nord-West 2/4-534; 2021-09 Adoption/Adaptation of the Test Procedure: 2014-10-28	Chlamydia - PCR	x	x	x	2/4-534
LUFA Nord-West 2/4-535; 2023-11 Adoption/Adaptation of the Test Procedure: 2023-12-29	Mycoplasma bovis – PCR	x	x	x	2/4-535
MagMAXTM Core Mechanical Lysis Module, Version: 16. November 2017 Adoption/Adaptation of the Test Procedure: 2024-02-07	Thermo Fisher, MagMAXTM Core Mechanical Lysis Module, Version: 16 November 2017 (bactotype®MAP PCR Kit; 06/2018)	x	x	x	2/4-551
Zul.-Nr. FLI-C 071 Indical bactotype C. burnetii PCR Kit Adoption/Adaptation of the Test Procedure: 2020-04-15	Indical Q fever bactotype (bactotype® C. burnetii PCR Kit; 05/2019)	x	x	x	2/4-548
Zul.-Nr. FLI-C 099 ADIAVET CEMO Taylorella Real Time Adoption/Adaptation of the Test Procedure: 2024-10-09	Taylorella equigenitalis Adiavet (ADIAVET™ CEMO Taylorella Real Time; 2021-08)	x	x	x	2/4-501

2.2.8.2 PCR

Code	Title	Category ***	Category *	Category **	LUFA-Nord-West AA
AVID-Methode BAK01; 2022-01 Adoption/Adaptation of the Test Procedure: 2023-05-19	Genomic detection of Pasteurella multocida, capsule types A, B, D, E and F, and of capsule type B strains causing HS	x	x	x	2/4-562
LUFA Nord-West 2/4-510; 2020-01 Adoption/Adaptation of the Test Procedure: 2024-04-05	Detection and documentation of PCR-amplified DNA	x	x	x	2/4-510
LUFA Nord-West 2/4-528; 2019-03 Adoption/Adaptation of the Test Procedure: 2014-09-15	Actinobacillus pleuropneumoniae – PCR	x	x	x	2/4-528
LUFA Nord-West 2/4-532; 2018-03 Adoption/Adaptation of the Test Procedure: 2014-10-28	Pasteurella - PCR	x	x	x	2/4-532

2.2.9 Amplification methods for the detection of nucleic acid in milk and milk products, eggs and egg products, meat and meat products

Code	Title	Category ***	Category *	Category **	LUFA-Nord-West AA
DIN EN ISO 6579-1; 2020-08 Adoption/Adaptation of the Test Procedure: 2024-09-27	Microbiology of the food chain – Horizontal method for the detection, enumeration and serotyping of Salmonella – Part 1: Detection of Salmonella spp. (ISO 6579- 1:2017 + Amd.1:2020); German version EN ISO 6579-1:2017 + A1:202 (foodproof ® Salmonella Detection Kit;)	x	x		2/4-561

2.2.10 Identification of bacteria, fungi and yeasts using MALDI-TOF mass spectrometry

Code	Title	Category ***	Category *	Category **	LUFA-Nord-West AA
LUFA Nord-West 2/4-102; 2025-07 Adoption/Adaptation of the Test Procedure: 2025-09-02	Identification of bacteria and fungi using MALDI-TOF mass spectrometry	x	x		2/4-102

2.3 Virology (including infectious disease serology and molecular biology)

2.3.1 ELISA (ligand assay) for the detection of proteins in blood, milk and tissue

Code	Title	Category ***	Category *	Category **	LUFA-Nord-West AA
Amtliche Methodensammlung des FLI; 2021-02 Adoption/Adaptation of the Test Procedure: 2018-08-22	Schmallenberg virus (ELISA) (ID Screen® Schmallenberg Virus Competition; SBVC ver 1114 DE)	x	x		2/4-696
Amtliche Methodensammlung des FLI; 2021-03 Adoption/Adaptation of the Test Procedure: 2018-08-16	Classical swine fever (ELISA) (IDEXX CSFV Ab; 06-43230-14)	x	x		2/4-675
Amtliche Methodensammlung des FLI; 2021-04 Adoption/Adaptation of the Test Procedure: 2019-11-12	African swine fever (ELISA) (ID Screen® African Swine Fever Competition;)	x	x		2/4-699

2.3.1 ELISA (ligand assay) for the detection of proteins in blood, milk and tissue

Code	Title	Category ***	Category *	Category **	LUFA-Nord-West AA
Amtliche Methodensammlung des FLI; 2021-04 Adoption/Adaptation of the Test Procedure: 2021-06-17	Bovine herpesvirus type 1 (ELISA) (ID Screen® IBR gB Competition; IBRGBC ver 0315 DE)	x	x		2/4-651 2/4-652 2/4-655 2/4-656 2/4-657 2/4-659 2/4-695 2/4-697
Amtliche Methodensammlung des FLI; 2021-04 Adoption/Adaptation of the Test Procedure: 2018-08-21	Enzootic bovine leucosis (ELISA) (ID Screen® BLV Competition; 2026-02)	x	x		2/4-639 2/4-694
Amtliche Methodensammlung des FLI; 2025-01 Adoption/Adaptation of the Test Procedure: 2025-02-17	Aujeszky's disease (Swine herpesvirus 1 – SHV-1) (ID Screen® Aujeszky gB Competition; 2024-07)	x	x		2/4-674
Amtliche Methodensammlung des FLI; 2025-02 Adoption/Adaptation of the Test Procedure: 2025-07-07	West Nile virus infection in a bird or horse (ELISA) (ID Screen® Flavivirus Competition; 2024-02)	x	x		2/4-806 2/4-807
Amtliche Methodensammlung des FLI; 2025-03 Adoption/Adaptation of the Test Procedure: 2025-07-02	Bovine viral diarrhoea (BVD) (ELISA) (ID Screen® BVD p80 Antibody Competition; 2023-10)	x	x		2/4-658 2/4-661 2/4-663
Amtliche Methodensammlung FLI-TS7; 2025-03 Adoption/Adaptation of the Test Procedure: 2025-07-02	Bluetongue virus infection (serotypes 1–24) (ELISA) (ID Screen® Bluetongue Competition; 2021-06)	x	x		2/4-686
FLI Amtliche Methodensammlung; 2025-03 Adoption/Adaptation of the Test Procedure: 2025-11-13	Epizootic haemorrhagic disease of deer; (notifiable animal diseases)	x	x		2/4-662
ID Screen IBR Milk Indirect, Zul.-Nr. FLI-C 015 Adoption/Adaptation of the Test Procedure: 2016-07-01	ID Screen IBR Milk Indirect (ID Screen® IBR Milk Indirect; 2023-04)	x	x		2/4-697
ID Screen Zul.-Nr. FLI-B 438 Adoption/Adaptation of the Test Procedure: 2015-08-26	ID Screen Influenza A Antibody Competition (ID Screen® Influenza A Antibody Competiotion; 2024-11)	x	x		2/4-635
ID Screen Zul.-Nr. FLI-B 516 Adoption/Adaptation of the Test Procedure: 2021-06-10	Flavivirus Competition (ID Screen® Flavivirus Competition; 2024-02)	x	x		2/4-807
ID vet Zul.-Nr. FLI-B 439 Adoption/Adaptation of the Test Procedure: 2015-08-26	ID Screen Bluetongue Competition (ID Screen® Bluetongue Competition; 2021-06)	x	x		2/4-686
ID VET; EHDVC ver 0616 DE; 2024-07 Adoption/Adaptation of the Test Procedure: 2025-11-13	ID Screen® EHDV Competition	x	x		2/4-662
ID.vet Zul.-Nr. FLI-B 631 Adoption/Adaptation of the Test Procedure: 2016-06-17	ID Screen Schmallenberg Virus Competition (ID Screen® Schmallenberg Virus Competition; SBVC ver 1114 DE)	x	x		2/4-696
ID.vet Zul.-Nr. FLI-B 526 Adoption/Adaptation of the Test Procedure: 2014-10-28	ID Screen Aujeszky gB Competition (ID Screen® Aujeszky gB Competition; 2024-07)	x	x		2/4-674

2.3.1 ELISA (ligand assay) for the detection of proteins in blood, milk and tissue

Code	Title	Category ***	Category *	Category **	LUFA-Nord-West AA
ID.vet Zul.-Nr. FLI-B 548 Adoption/Adaptation of the Test Procedure: 2014-10-28	ID Screen MVV/CAEV indirect (ID Screen® MVV/CAEV Indirect; 2022-11)	x	x		2/4-628
ID.vet Zul.-Nr. FLI-B 594 Adoption/Adaptation of the Test Procedure: 2015-08-26	ID Screen BLV competition (ID Screen® BLV Competition; 2026-02)	x	x		2/4-639
ID.vet; 2022-11 Zul.-Nr. FLI-C 065 Adoption/Adaptation of the Test Procedure: 2021-06-10	ID Screen West Nile IgM Capture (ID Screen® West Nile IgM Capture; 2022-11)	x	x		2/4-806
ID.vet; 2023-04 Zul.-Nr. FLI-C 057 Adoption/Adaptation of the Test Procedure: 2025-11-13	IDScreen® African Swine Fever Competition (ID Screen® African Swine Fever Competition;)	x	x		2/4-699
ID.vet; IBRGBC ver 0315 DE Zul.-Nr. FLI-B 614 Adoption/Adaptation of the Test Procedure: 2018-05-03	ID Screen IBR gB competition (ID Screen® IBR gB Competition; IBRGBC ver 0315 DE)	x	x		2/4-657
ID.vet; IBRGEC ver 1117 DEZul.-Nr. FLI-B 644 Adoption/Adaptation of the Test Procedure: 2022-01-19	ID Screen IBR gE competition (ID Screen® IBR gE Competition; 2019-01)	x	x		2/4-655
IDEXX Zul.-Nr. BFAV-KSP/D11a/98 Adoption/Adaptation of the Test Procedure: 2014-10-28	Test kit for the detection of antibodies against the classical swine fever virus (CSFV) (IDEXX CSFV Ab; 06-43230-14)	x	x		2/4-675
IDEXX Zul.-Nr. BGAF-B 104 Adoption/Adaptation of the Test Procedure: 2015-08-26	Test for the detection of antibodies against the bovine leukosis virus (milk screening) (IDEXX Leukosis Milk Screening; 06-02210-19)	x	x		2/4-694
IDEXX Zul.-Nr. BGVV-B 231 Adoption/Adaptation of the Test Procedure: 2014-10-28	Test kit for the detection of gB antibodies against the bovine herpesvirus 1 (BHV-1) (IDEXX IBR gB X3; 06-41299-06)	x	x		2/4-651
IDEXX Zul.-Nr. BGVV-B174 Adoption/Adaptation of the Test Procedure: 2014-10-28	Test kit for the detection of gE antibodies against the infectious bovine rhinotracheitis virus (BHV-1) (IDEXX IBR gE; 06-41459-05)	x	x		2/4-652
IDEXX; 06-43860-17 Zul.-Nr. IDEXX BGVV-B 230 Adoption/Adaptation of the Test Procedure: 2014-10-28	Test kit for the detection of Bovine Viral Diarrhoea Virus (BVDV) antigen/Serum Plus (IDEXX BVDV Ag/Serum Plus; 06-43860-18)	x	x		2/4-661
Indical pigtype ® PRRSV Ab Adoption/Adaptation of the Test Procedure: 2023-12-22	Indical pigtype ® PRRSV Ab (pigtype® PRRSV Ab; 2019-05)	x	x		2/4-649
INDICAL; 2018-05 Zul.-NrIndical FLI-B 491 Adoption/Adaptation of the Test Procedure: 2014-09-24	cattletype BHV1 gB Ab (Qiagen/Indical Cattletype BHV1 gB Ab; 05-2018)	x	x		2/4-656
INDICAL; 2019-05 Zul.-Nr. FLI-B 664 Adoption/Adaptation of the Test Procedure: 2019-02-06	cattletype® BHV1 gE Ab (cattletype® BHV1 gE Ab; 2018-05)	x	x		2/4-695
VMRD Inc.; 2022-02; Zul.-Nr.: FLI-C 095; Art. Nr.: VMRD289-2 Adoption/Adaptation of the Test Procedure: 2025-02-24	VMRD SRLV cELISA (Small Ruminant Lentivirus Antibody Test Kit, cELISA; 2022-02)	x	x		2/4-810
Zul.-Nr. FLI-B652 ID Screen® BVD p80 Antibody Competition Adoption/Adaptation of the Test Procedure: 2024-10-10	ID Screen® BVD p80 Antibody Competition (ID Screen® BVD p80 Antibody Competition; 2023-10)	x	x		2/4-658
Zul.-Nr. FLI-C 136 IDEXX BVDV Total Ab X3 Adoption/Adaptation of the Test Procedure: 2025-01-07	IDEXX BVDV Total Ab X3 (IDEXX BVDV Total Ab X3; 06-41639-02)	x	x		2/4-663
Zul.-Nr.: FLI-C 073 IDEXX IBR Tank Milk Adoption/Adaptation of the Test Procedure: 2023-12-22	IBR Tank Milk – ELISA Kit for the detection of antibodies against bovine herpesvirus 1 (BoHV-1) in tank milk samples (IDEXX IBR Tank Milk;)	x	x		2/4-659

2.3.2 ELISA (ligand assay) for the detection of proteins in faeces

Code	Title	Category ***	Category *	Category **	LUFA-Nord-West AA

2.3.2 ELISA (ligand assay) for the detection of proteins in faeces

Code	Title	Category ***	Category *	Category **	LUFA-Nord-West AA
Bio-X Multiscreen Ag ELISA Kalb Magen/Darm Adoption/Adaptation of the Test Procedure: 2023-12-21	Bio-X Multiscreen AgELISA Calf Gastrointestinal (Multiscreen AgELISA Kalb Magen-Darm/Sandwich, biwell; 2017-09)	x	x		2/4-603

2.3.3 Amplification method for the detection of nucleic acid in blood

2.3.3.1 Realtime-PCR

Code	Title	Category ***	Category *	Category **	LUFA-Nord-West AA
Amtliche Methodensammlung des FLI; 2021-02 Adoption/Adaptation of the Test Procedure: 2024-11-07	Schmallenberg virus (PCR) (virotype® SBV 2.0 RT-PCR Kit; 2022-07)	x	x	x	2/4-542
Amtliche Methodensammlung des FLI; 2021-03 Adoption/Adaptation of the Test Procedure: 2024-09-23	Classical swine fever (PCR) (virotype® CSFV 2.0 RT-PCR KIT; 2025-05)	x	x	x	2/4-520
Amtliche Methodensammlung des FLI; 2021-04 Adoption/Adaptation of the Test Procedure: 2024-09-27	African swine fever (PCR) (ID Gene™ African Swine Fever Duplex; 2022-01)	x	x	x	2/4-543 2/4-543
Amtliche Methodensammlung des FLI; 2025-02 Adoption/Adaptation of the Test Procedure: 2025-07-07	West Nile virus infection in a bird or horse	x	x	x	2/4-569
Amtliche Methodensammlung des FLI; 2025-03 Adoption/Adaptation of the Test Procedure: 2025-07-02	Bovine viral diarrhoea (BVD) (PCR) (virotype® BVDV 2.0 RT-PCR Kit; 2022-07)	x	x	x	2/4-522
Amtliche Methodensammlung des FLI; 2025-03 Adoption/Adaptation of the Test Procedure: 2025-07-14	Epizootic haemorrhagic disease of deer (Epizootic haemorrhagic disease of deer virus) (ID Gene™ EHDV Duplex;)	x	x		2/4-506
Amtliche Methodensammlung FLI-TS7; 2025-03 Adoption/Adaptation of the Test Procedure: 2025-07-02	Bluetongue virus infection (serotypes 1–24) (PCR) (virotype® BTVpan/8 2.0 RT-PCR; 2022-07)	x	x	x	2/4-519 2/4-519 2/4-519
Indical Bioscience, Virotype PRRSV 2.0 RT-PCR Kit Adoption/Adaptation of the Test Procedure: 2024-01-26	Indical Bioscience, Virotype PRRSV 2.0 RT-PCR Kit (virotype® PRRSV 2.0 RT-PCR Kit; 10-2022)	x	x	x	2/4-536
INDICAL; 2022-07 Zul.-Nr. FLI-C 115 Adoption/Adaptation of the Test Procedure: 2024-02-07	virotype SBV 2.0 RT-PCR Kit (virotype® SBV 2.0 RT-PCR Kit; 2022-07)	x	x	x	2/4-542
LUFA Nord-West 2/4-569; 2023-12 Adoption/Adaptation of the Test Procedure: 2024-11-12	West Nile virus RT-PCR	x	x	x	2/4-569
Zul.-Nr. FLI C 040 ID Gene African Swine Fever Duplex Adoption/Adaptation of the Test Procedure: 2021-05-07	ID Gene ASF Duplex PCR Kit (ID Gene™ African Swine Fever Duplex; 2022-01)	x	x	x	2/4-543
Zul.-Nr. FLI C 079 virotype ASFV 2.0 PCR Kit Adoption/Adaptation of the Test Procedure: 2017-04-25	ASFV 2.0 PCR Kit (virotype® ASFV 2.0 PCR Kit;)	x	x	x	2/4-543

2.3.3.1 Realtime-PCR

Code	Title	Category ***	Category *	Category **	LUFA-Nord-West AA
Zul.-Nr. FLI C 113 Indical virotype CSFV 2.0 RT-PCR KIT Adoption/Adaptation of the Test Procedure: 2024-10-28	Virotype CSFV 2.0 - RT-PCR Kit (virotype® CSFV 2.0 RT-PCR KIT; 2025-05)	x	x	x	2/4-520
Zul.-Nr. FLI-C 020 Indical virotype BTV pan/4 RT-PCR Adoption/Adaptation of the Test Procedure: 2018-08-23	Indical virotype BTV pan/4 RT-PCR (Indical virotype BTV pan/4 RT-PCR;)	x	x	x	2/4-519
Zul.-Nr. FLI-C 112 Indical Bioscience, Virotype BVDV 2.0 RT-PCR-Kit Adoption/Adaptation of the Test Procedure: 2014-09-15	Indical Bioscience, Virotype BVDV 2.0 RT-PCR Kit (virotype® BVDV 2.0 RT-PCR Kit; 2022-07)	x	x	x	2/4-522
Zul.-Nr. FLI-C 114 Indical virotype BTV pan/8 2.0 RT-PCR Adoption/Adaptation of the Test Procedure: 2024-06-26	Virotype BTV pan/8 2.0 RT-PCR Kit (virotype® BTVpan/8 2.0 RT-PCR; 2022-07)	x	x	x	2/4-519
Zul.-Nr. FLI-C 141 ID Gene EHDV Duplex RT-PCR Adoption/Adaptation of the Test Procedure: 2025-07-14	Detection of EHDV from whole blood, spleen and abortion material using the ID Gene EHDV Duplex RT-PCR Kit (ID Gene™ EHDV Duplex;)	x	x	x	2/4-506
Zul.-Nr. FLI-C 158 Indical virotype BTV pan/3 2.0 RT-PCR Adoption/Adaptation of the Test Procedure: 2025-07-14	BTV pan/3 2.0 RT-PCR Kit (virotype® BTV pan/3 2.0; 2025-02)	x	x	x	2/4-519

2.3.4 Amplification methods for the detection of nucleic acid in tissue samples, faeces and body fluids

2.3.4.1 Realtime-PCR

Code	Title	Category ***	Category *	Category **	LUFA-Nord-West AA
Amtliche Methodensammlung des FLI; 2021-02 Adoption/Adaptation of the Test Procedure: 2024-11-07	Schmallenberg virus (PCR) (virotype® SBV 2.0 RT-PCR Kit; 2022-07)	x	x	x	2/4-542
Amtliche Methodensammlung des FLI; 2021-03 Adoption/Adaptation of the Test Procedure: 2024-09-23	Classical swine fever (PCR) (virotype® CSFV 2.0 RT-PCR KIT; 2025-05)	x	x	x	2/4-520
Amtliche Methodensammlung des FLI; 2021-04 Adoption/Adaptation of the Test Procedure: 2024-09-27	African swine fever (PCR) (virotype® ASFV 2.0 PCR Kit;)	x	x	x	2/4-543 2/4-543
Amtliche Methodensammlung des FLI; 2025-02 Adoption/Adaptation of the Test Procedure: 2025-07-07	West Nile virus infection in a bird or horse	x	x	x	2/4-569
Amtliche Methodensammlung des FLI; 2025-03 Adoption/Adaptation of the Test Procedure: 2025-07-02	Bovine viral diarrhoea (BVD) (PCR) (virotype® BVDV 2.0 RT-PCR Kit; 2022-07)	x	x	x	2/4-522
Amtliche Methodensammlung des FLI; 2025-03 Adoption/Adaptation of the Test Procedure: 2025-07-14	Epizootic haemorrhagic disease of deer (Epizootic haemorrhagic disease of deer virus) (ID Gene™ EHDV Duplex;)	x	x		2/4-506
Amtliche Methodensammlung des FLI-TS8; 2021-04 Adoption/Adaptation of the Test Procedure: 2024-09-27	Bovine herpesvirus type 1 infection (all forms)	x	x	x	2/4-529

2.3.4.1 Realtime-PCR

Code	Title	Category ***	Category *	Category **	LUFA-Nord-West AA
Amtliche Methodensammlung FLI-TS7; 2025-03 Adoption/Adaptation of the Test Procedure: 2025-07-02	Bluetongue virus infection (serotypes 1–24) (PCR) (virotype® BTVpan/8 2.0 RT-PCR; 2022-07)	x	x	x	2/4-519 2/4-519 2/4-519
AVID-Methode VIR05; 2019-01 Adoption/Adaptation of the Test Procedure: 2024-01-25	Genomic detection of bovine respiratory syncytial virus (BRSV) using real-time RT-PCR (BRSV-N-Mix6 method)	x	x	x	2/4-565
AVID-Methode VIR06; 2019-01 Adoption/Adaptation of the Test Procedure: 2022-03-30	Genomic detection of bovine parainfluenza 3 virus (BPIV3) using real-time RT-PCR (BPIV3-P-Mix1 method)	x	x	x	2/4-566
Indical Bioscience, Virotype PRRSV 2.0 RT-PCR Kit Adoption/Adaptation of the Test Procedure: 2024-01-26	Indical Bioscience, Virotype PRRSV 2.0 RT-PCR Kit (virotype® PRRSV 2.0 RT-PCR Kit; 10-2022)	x	x	x	2/4-536
INDICAL; 2022-07 Zul.-Nr. FLI-C 115 Adoption/Adaptation of the Test Procedure: 2024-02-07	virotype SBV 2.0 RT-PCR Kit (virotype® SBV 2.0 RT-PCR Kit; 2022-07)	x	x	x	2/4-542
LUFA Nord-West 2/4-558; 2020-12 Adoption/Adaptation of the Test Procedure: 2019-01-23	Bovine coronavirus - PCR	x	x	x	2/4-558
LUFA Nord-West 2/4-559; 2023-12 Adoption/Adaptation of the Test Procedure: 2024-01-25	Detection of the influenza D genome using real-time RT-PCR	x	x	x	2/4-559
LUFA Nord-West 2/4-563; 2022-11 Adoption/Adaptation of the Test Procedure: 2023-12-29	BoAV3 - PCR	x	x	x	2/4-563
LUFA Nord-West 2/4-569; 2023-12 Adoption/Adaptation of the Test Procedure: 2024-11-12	West Nile virus RT-PCR	x	x	x	2/4-569
Zul.-Nr. FLI C 040 ID Gene African Swine Fever Duplex Adoption/Adaptation of the Test Procedure: 2021-05-07	ID Gene ASF Duplex PCR Kit (ID Gene™ African Swine Fever Duplex; 2022-01)	x	x	x	2/4-543
Zul.-Nr. FLI C 079 virotype ASFV 2.0 PCR Kit Adoption/Adaptation of the Test Procedure: 2017-04-25	ASFV 2.0 PCR Kit (virotype® ASFV 2.0 PCR Kit;)	x	x	x	2/4-543
Zul.-Nr. FLI C 113 Indical virotype CSFV 2.0 RT-PCR KIT Adoption/Adaptation of the Test Procedure: 2024-10-28	Virotype CSFV 2.0 - RT-PCR Kit (virotype® CSFV 2.0 RT-PCR KIT; 2025-05)	x	x	x	2/4-520
Zul.-Nr. FLI-C 020 Indical virotype BTV pan/4 RT-PCR Adoption/Adaptation of the Test Procedure: 2018-08-23	Indical virotype BTV pan/4 RT-PCR (Indical virotype BTV pan/4 RT-PCR;)	x	x	x	2/4-519
Zul.-Nr. FLI-C 112 Indical Bioscience, Virotype BVDV 2.0 RT-PCR-Kit Adoption/Adaptation of the Test Procedure: 2014-09-15	Indical Bioscience, Virotype BVDV 2.0 RT-PCR Kit (virotype® BVDV 2.0 RT-PCR Kit; 2022-07)	x	x	x	2/4-522
Zul.-Nr. FLI-C 114 Indical virotype BTV pan/8 2.0 RT-PCR Adoption/Adaptation of the Test Procedure: 2024-06-26	Virotype BTV pan/8 2.0 RT-PCR Kit (virotype® BTVpan/8 2.0 RT-PCR; 2022-07)	x	x	x	2/4-519
Zul.-Nr. FLI-C 141 ID Gene EHDV Duplex RT-PCR Adoption/Adaptation of the Test Procedure: 2025-07-14	Detection of EHDV from whole blood, spleen and abortion material using the ID Gene EHDV Duplex RT-PCR Kit (ID Gene™ EHDV Duplex;)	x	x		2/4-506
Zul.-Nr. FLI-C 158 Indical virotype BTV pan/3 2.0 RT-PCR Adoption/Adaptation of the Test Procedure: 2025-07-14	BTV pan/3 2.0 RT-PCR Kit (virotype® BTV pan/3 2.0; 2025-02)	x	x	x	2/4-519

2.3.5 Precipitation for the detection of proteins in blood

Code	Title	Category ***	Category *	Category **	LUFA-Nord-West AA
Amtliche Methodensammlung des FLI; 2021-04 Adoption/Adaptation of the Test Procedure: 2024-10-01	Enzootic bovine leucosis (IDvet BLV AGID; 2022-02)	x	x		2/4-640
Zul.-Nr. FLI-B 640 IDvet BLV AGID Adoption/Adaptation of the Test Procedure: 2015-08-26	IDvet BLV AGID (IDvet BLV AGID; 2022-02)	x	x		2/4-640

2.4 Parasitology

2.4.1 ELISA (ligand assay) for the detection of proteins in blood and milk

Code	Title	Category ***	Category *	Category **	LUFA-Nord-West AA
ID Screen Neospora caninum indirect Adoption/Adaptation of the Test Procedure: 2023-12-22	ID Screen Neospora caninum indirect (ID Screen® Neospora caninum Indirect; NCS ver 0323 DE)	x	x		2/4-637
Idexx Fasciola hepatica Verification Ab ELISA Adoption/Adaptation of the Test Procedure: 2023-12-22	Idexx Fasciola hepatica Verification Ab ELISA (IDEXX Fasciolosis Verification; 06-05120-11)	x	x		2/4-616
SARCOPTES-ELISA 2001® PIG Adoption/Adaptation of the Test Procedure: 2023-12-21	SARCOPTES-ELISA 2001® PIG (SARCOPTES-ELISA 2001® PIG; 2022-12)	x	x		2/4-607
Svanovir O.ostertagi-Ab Adoption/Adaptation of the Test Procedure: 2023-12-22	Svanovir O.ostertagi-Ab (Svanovir® O. ostertagi-Ab; 2023-12)	x	x		2/4-638

2.4.2 Microscopic detection of parasites in faeces

Code	Title	Category ***	Category *	Category **	LUFA-Nord-West AA
LUFA Nord-West 2/4-451; 2023-06 Adoption/Adaptation of the Test Procedure: 2025-01-17	Detection of parasite eggs and coccidian oocysts in faecal samples using sedimentation/flotation methods	x	x	x	2/4-451
LUFA Nord-West 2/4-452; 2023-11 Adoption/Adaptation of the Test Procedure: 2024-01-16	Detection of lungworm and gastrointestinal worm larvae in faecal samples using the migration method (Baermann funnel method)	x	x	x	2/4-452
LUFA Nord-West 2/4-453; 2023-11 Adoption/Adaptation of the Test Procedure: 2024-01-16	Microscopic detection of Cryptosporidium in faecal samples	x	x	x	2/4-453

2.4.3 Amplification methods for the detection of nucleic acids in tissue samples

2.4.3.1 Realtime-PCR

Code	Title	Category ***	Category *	Category **	LUFA-Nord-West AA
LUFA Nord-West 2/4-553; 2026-01 Adoption/Adaptation of the Test Procedure: 2026-02-10	Detection of Neospora caninum from the brainstem, afterbirth, placenta and genital swabs using real-time RT-PCR	x	x	x	2/4-553

2.5 Immunology

2.5.1 ELISA (ligand assay) for the detection of proteins in blood and milk

Code	Title	Category ***	Category *	Category **	LUFA-Nord-West AA
IDEXX Alertys Milchträchtigkeitstest Adoption/Adaptation of the Test Procedure: 2023-12-22	IDEXX Alertys Lactation Test (Alertys* Milk Pregnancy; 06-41209-13)	x	x		2/4-634
IDEXX Alertys Trächtigkeit Testkit Ruminanten Adoption/Adaptation of the Test Procedure: 2023-12-19	IDEXX Alertys Pregnancy Test Kit for Ruminants (Alertys* Ruminant Pregnancy; 06-41169-16)	x	x		2/4-626

3. Examinations at Site 3

3.1 Sensory analysis of food

Code	Title	Category ***	Category *	Category **	LUFA-Nord-West AA
LUFA Nord-West 3/5S-101; 2023-05 Adoption/Adaptation of the Test Procedure: 2024-11-06	Procedures for evaluative sensory testing of foodstuffs				3/5S-101

3.2 Physical, physico-chemical and chemical analyses of foods

3.2.1 Determination of ingredients and additives in foods using gravimetry

Code	Title	Category ***	Category *	Category **	LUFA-Nord-West AA
ASU L 01.00-20; 2022-04 / DIN 10342; 2021-11 Adoption/Adaptation of the Test Procedure: 2025-06-11	Food analysis – Determination of the fat content of milk and milk products using the gravimetric Weibull-Berntrop method (Adoption of the standard of the same name DIN 10342, November 2021 edition)	x	x		3/5C-105
ASU L 01.00-38; 2009-06 / DIN EN ISO 7208; 2009-03 Adoption/Adaptation of the Test Procedure: 2013-02-14	Food analysis — Determination of fat content in skimmed milk, whey and buttermilk — Gravimetric method (reference method) (Adoption of the German standard of the same name DIN EN ISO 7208, March 2009 edition)	x	x		3/5C-104
ASU L 01.00-77; 2002-05 / DIN 10477; 2000-08 Adoption/Adaptation of the Test Procedure: 2013-03-07	Analysis of foodstuffs – Determination of total ash in milk and milk products (Adoption of the standard of the same name, DIN 10477, August 2000 edition)	x	x		3/5C-138
ASU L 01.00-9; 2012-01 / DIN EN ISO 1211; 2010-11 Adoption/Adaptation of the Test Procedure: 2013-02-14	Food analysis – Determination of fat content in milk; – Gravimetric method (reference method) (Adoption of the standard of the same name DIN EN ISO 1211, November 2010 edition)	x	x		3/5C-104
ASU L 02.05-2; 2009-06 / DIN EN ISO 2450; 2009-03 Adoption/Adaptation of the Test Procedure: 2024-10-02	Analysis of foodstuffs — Determination of fat content in cream — Gravimetric method (reference method) (Adoption of the German standard of the same name DIN EN ISO 2450, March 2009 edition)	x	x		3/5C-104
ASU L 02.06-E (EG), Methode 1; 1981-01 (mod.) Adoption/Adaptation of the Test Procedure: 2016-11-02	Analytical methods for the composition of certain partially or wholly dried, preserved milk products – Method 1: Determination of dry matter (drying oven at 99°C) *Modification: Drying at 87°C*	x	x		3/5C-136
ASU L 02.06-E (EG), Methode 1; 1981-01 Adoption/Adaptation of the Test Procedure: 2013-03-07	Analytical methods for the composition of certain partially or wholly dried, preserved milk products Method 1: Determination of dry matter (drying oven at 99°C)	x	x		3/5C-136
ASU L 02.06-E (EG), Methode 2; 1981-01 Adoption/Adaptation of the Test Procedure: 2023-11-28	Analytical methods for the composition of certain partially or wholly dried, preserved milk products – Method 2: Determination of water content (drying oven at 102 °C)	x	x		3/5C-136
ASU L 02.07-15; 2009-06 / DIN EN ISO 1736; 2009-03 Adoption/Adaptation of the Test Procedure: 2013-02-14	Food analysis — Determination of fat content in milk powder and dried milk products — Gravimetric method (Adoption of the German standard of the same name DIN EN ISO 1736, March 2009 edition)	x	x		3/5C-104

3.2.1 Determination of ingredients and additives in foods using gravimetry

Code	Title	Category ***	Category *	Category **	LUFA-Nord-West AA
ASU L 03.00-42; 2023-04 / DIN EN ISO 23319:2023-01 Adoption/Adaptation of the Test Procedure: 2024-10-24	Analysis of foodstuffs – Determination of the fat content of cheese and processed cheese products, caseins and caseinates – Gravimetric method (Adoption of the standard DIN EN ISO 23319, January 2023)	x	x		3/5C-106
ASU L 03.00-9; 2007-04 / DIN EN ISO 5534; 2004-09 Adoption/Adaptation of the Test Procedure: 2023-11-28	Food analysis — Determination of total dry matter in cheese and processed cheese — Reference method (Adoption of the German standard of the same name DIN EN ISO 5534, September 2004 edition)	x	x		3/5C-136
ASU L 04.00-16; 1990-12 / DIN 10463; 1990-11 Adoption/Adaptation of the Test Procedure: 2023-11-17	Analysis of foodstuffs; Determination of the non-fat dry matter of butter; Routine method (Adoption of the German standard of the same name DIN 10463, November 1990 edition)	x	x		3/5C-103
ASU L 04.00-24/2; 2013-01 / DIN EN ISO 3727 Teil 2; 2002-04 Adoption/Adaptation of the Test Procedure: 2023-11-29	Analysis of foodstuffs – Determination of water content, non-fat dry matter and fat content of butter – Part 2: Determination of non-fat dry matter (reference method) (Adoption of the standard of the same name DIN EN ISO 3727 Part 2, April 2002 edition)	x	x		3/5C-103
ASU L 44.00-3; 1985-12 Adoption/Adaptation of the Test Procedure: 2023-11-28	Analysis of foodstuffs; determination of dry matter content in solid chocolate	x	x		3/5C-136
DIN EN ISO 3727 Teil 1; 2002-04 Adoption/Adaptation of the Test Procedure: 2026-03-20	Determination of the water content, non-fat dry matter and fat content of butter — Part 1: Determination of the water content (reference method)	x	x		3/5C-102
DIN EN ISO 8851-1; 2020-12 Adoption/Adaptation of the Test Procedure: 2023-11-17	Butter – Determination of moisture content, non-fat dry matter and fat content (routine methods) – Part 1: Determination of moisture content (ISO 8851-1:2004)	x	x		3/5C-103
IOCCC Blatt 14; 1972 Adoption/Adaptation of the Test Procedure: 2019-01-28	Determination of total fat content in cocoa products	x	x		3/5C-105
LUFA Nord-West 3/5C-005; 2021-05 Adoption/Adaptation of the Test Procedure: 2023-06-27	Determination of filling weight / filling volume / volume / drained weight / air content				3/5C-005
LUFA Nord-West 3/5C-118; 2017-09 Adoption/Adaptation of the Test Procedure: 2023-06-27	Determination of free fat in milk and cream				3/5C-118
LUFA Nord-West 3/5C-135; 2021-01 Adoption/Adaptation of the Test Procedure: 2023-06-27	Gravimetric determination of coatings and the foodstuffs to which they are added				3/5C-135
LUFA Nord-West 3/5C-136; 2022-01 Adoption/Adaptation of the Test Procedure: 2023-06-27	Determination of dry matter / water content in foodstuffs				3/5C-136
VDLUFA VI, C 15.2.4; 1995 Adoption/Adaptation of the Test Procedure: 2013-03-07	Determination of free fat in fat-containing dried milk products	x	x		3/5C-125
VDLUFA VI, C 35.3; 2020-01 Adoption/Adaptation of the Test Procedure: 2023-03-20	Determination of dry matter – lake sand method	x	x		3/5C-136
VDLUFA VI, C 35.6-A; 1985-01 Adoption/Adaptation of the Test Procedure: 2023-11-28	Determination of the water content in milk powder at 102°C	x	x		3/5C-136
VDLUFA VI, C 35.6-B; 1985-01 Adoption/Adaptation of the Test Procedure: 2023-11-28	Determination of moisture content in milk powder at 87°C	x	x		3/5C-136

3.2.2 Determination of ingredients and additives in foods using titrimetry

Code	Title	Category ***	Category *	Category **	LUFA-Nord-West AA
ADPI Bulletin 916; 1990 Adoption/Adaptation of the Test Procedure: 2024-07-02	Determination of titratable acidity	x	x		3/5C-222
ASU L 01.00–10/1; 2016-03 / DIN EN ISO 8968-1; 2014-06 Adoption/Adaptation of the Test Procedure: 2013-03-07	Food analysis – Determination of nitrogen content in milk and milk products – Part 1: Kjeldahl method and calculation of crude protein content (Adoption of the standard of the same name DIN EN ISO 8968-1, June 2014 edition)	x	x		3/5C-202

3.2.2 Determination of ingredients and additives in foods using titrimetry

Code	Title	Category ***	Category *	Category **	LUFA-Nord-West AA
ASU L 01.00-10/4; 2019-12 / DIN EN ISO 8968-4; 2016-09 Adoption/Adaptation of the Test Procedure: 2023-06-28	Analysis of foodstuffs – Determination of nitrogen content in milk – Part 4: Determination of non-protein nitrogen content (Adoption of the standard of the same name DIN EN ISO 8968 Part 4, September 2016)	x	x		3/5C-203
ASU L 01.00-7; 2002-05 / DIN 10316; 2000-08 Adoption/Adaptation of the Test Procedure: 2013-03-07	Food analysis – Determination of the acidity of milk and liquid milk products (Adoption of the German standard of the same name, DIN 10316, August 2000 edition)	x	x		3/5C-201
ASU L 03.00-11; 2007-12 / DIN EN ISO 5943; 2007-01 Adoption/Adaptation of the Test Procedure: 2013-03-07	Food analysis – Determination of chloride content in cheese and processed cheese – Potentiometric method (Adoption of the standard of the same name DIN EN ISO 5943, January 2007 edition)	x	x		3/5C-212
ASU L 04.00-10; 2019-03 Adoption/Adaptation of the Test Procedure: 2024-10-16	Food analysis – Determination of the salt content of butter	x	x		3/5C-209
ASU L 13.00-37; 2018-06 / DIN EN ISO 3960; 2017-05 Adoption/Adaptation of the Test Procedure: 2024-10-21	Food analysis – Animal and vegetable fats and oils – Determination of the peroxide value – Iodometric (visual) end-point determination (adoption of the standard of the same name DIN EN ISO 3960, May 2017)	x	x		3/5C-210
ASU L 13.00-39; 2010-01 Adoption/Adaptation of the Test Procedure: 2016-07-20	Determination of water content in animal and vegetable fats and oils	x	x		3/5C-218
ASU L 13.00-5; 2021-03 / DIN EN ISO 660; 2020-12 Adoption/Adaptation of the Test Procedure: 2023-11-17	Food analysis — Determination of the acid value and acidity of animal and vegetable fats and oils (Adoption of the standard DIN EN ISO 660, December 2020)	x	x		3/5C-216
ASU L 20.01/02-2; 1980-05 Adoption/Adaptation of the Test Procedure: 2023-11-22	Determination of total acidity in mayonnaise and emulsified sauces	x	x		3/5C-222
ISO 1740; 2004 / IDF 6; 2004 Adoption/Adaptation of the Test Procedure: 2023-11-17	Milkfat products and butter: Determination of fat acidity (Reference method)	x	x		3/5C-216
ISO 17997-1 / IDF 29-1; 2004-09 Adoption/Adaptation of the Test Procedure: 2013-03-07	Determination of pH 4.6 soluble nitrogen, NCN, casein	x	x		3/5C-215
LUFA Nord-West 3/5C-218; 2018-03 Adoption/Adaptation of the Test Procedure: 2013-03-07	Determination of water (Karl Fischer method)				3/5C-218
VDLUFA VI, C 30.3; 1985-01 Adoption/Adaptation of the Test Procedure: 2016-04-06	Determination of the NPN (non-protein nitrogen) content	x	x		3/5C-203

3.2.3 Determination of ingredients and additives in foods using photometry

Code	Title	Category ***	Category *	Category **	LUFA-Nord-West AA
ADPI Bulletin 916; 1990 (mod.) Adoption/Adaptation of the Test Procedure: 2024-05-22	Determination of Undenatured Whey Protein Nitrogen	x	x		3/5C-307
ASU L 01.00-41; 1991-12 Adoption/Adaptation of the Test Procedure: 2013-03-07	Analysis of foodstuffs; determination of the phosphatide value in milk, milk products and cheese	x	x		3/5C-306
ASU L 01.00-79/2; 2006-12 / DIN EN ISO 14673-2; 2004-05 Adoption/Adaptation of the Test Procedure: 2016-04-19	Food analysis — Determination of nitrate and nitrite content in milk — Part 2: Method using segmented flow analysis ( ); Routine method (Adoption of the standard of the same name DIN EN ISO 14673-2, May 2004 edition)	x	x		3/5C-326
LUFA Nord-West 3/5C-307; 2022-05 Adoption/Adaptation of the Test Procedure: 2022-06-08	Determination of the whey protein index (MPI), photometric				3/5C-307
LUFA Nord-West 3/5C-308; 2020-11 Adoption/Adaptation of the Test Procedure: 2020-11-16	Determination of the diacetyl content in butter, photometric				3/5C-308

3.2.4 Determination of constituents in foods using enzymatic methods

Code	Title	Category ***	Category *	Category **	LUFA-Nord-West AA
ISO 5765-2; 2002-09 Adoption/Adaptation of the Test Procedure: 2023-11-17	Dried milk, dried ice-mixes and processed cheese - Determination of lactose content - Part 2: Enzymatic method utilising the galactose moiety of the lactose	x	x		3/5C-303
r-biopharm ENZYTEC E8100; 2023-04 Adoption/Adaptation of the Test Procedure: 2023-11-07	Enzymatic UV determination of native starch in foodstuffs and other sample materials.	x	x		3/5C-318
r-biopharm ENZYTEC E8110; 2023-09 Adoption/Adaptation of the Test Procedure: 2024-01-25	Enzymatic determination of lactose/D-galactose (without differentiation) in foodstuffs and other sample materials.	x	x		3/5C-303
r-biopharm ENZYTEC E8120; 2023-06 Adoption/Adaptation of the Test Procedure: 2024-01-25	Enzymatic determination of galactose (without differentiation) in foodstuffs and other sample materials.	x	x		3/5C-303
r-biopharm ENZYTEC E8130; 2023-10 Adoption/Adaptation of the Test Procedure: 2024-01-26	Enzymatic determination of lactose/D-glucose in foodstuffs and other sample materials	x	x		3/5C-325
r-biopharm ENZYTEC E8140; 2023-06 Adoption/Adaptation of the Test Procedure: 2024-01-26	Enzymatic determination of D-glucose in foodstuffs and other sample materials	x	x		3/5C-305
r-biopharm ENZYTEC E8160; 2023-09 Adoption/Adaptation of the Test Procedure: 2024-01-26	Enzymatic determination of D-glucose/D-fructose in foodstuffs and other sample materials	x	x		3/5C-305
r-biopharm ENZYTEC E8180; 2023-04 Adoption/Adaptation of the Test Procedure: 2024-01-26	Enzymatic determination of sucrose/D-glucose (without differentiation) in foodstuffs and other sample materials	x	x		3/5C-305
r-biopharm ENZYTEC E8226; 2023-04 Adoption/Adaptation of the Test Procedure: 2024-01-26	Enzymatic determination of acetic acid in foodstuffs and other sample materials.	x	x		3/5C-317
r-biopharm ENZYTEC E8230; 2023-03 Adoption/Adaptation of the Test Procedure: 2024-02-27	Enzymatic determination of citric acid in foodstuffs and other sample materials	x	x		3/5C-313
r-biopharm ENZYTEC E8240; 2023-09 Adoption/Adaptation of the Test Procedure: 2024-01-26	Enzymatic determination of D-lactic acid and L-lactic acid (without differentiation) in foodstuffs and other sample materials	x	x		3/5C-304
r-biopharm ENZYTEC E8245; 2023-09 Adoption/Adaptation of the Test Procedure: 2024-01-26	Enzymatic determination of D-lactic acid in foodstuffs and other sample materials	x	x		3/5C-304
r-biopharm ENZYTEC E8260; 2023-09 Adoption/Adaptation of the Test Procedure: 2024-01-26	Enzymatic determination of L-lactic acid in foodstuffs and other sample materials	x	x		3/5C-304
r-biopharm ENZYTEC E8390; 2024-01 Adoption/Adaptation of the Test Procedure: 2024-04-08	Enzymatic determination of ammonia in food and other sample materials	x	x		3/5C-323
r-biopharm ENZYTEC E8395; 2024-01 Adoption/Adaptation of the Test Procedure: 2024-04-08	Enzymatic determination of urea and ammonia in foodstuffs and other sample materials	x	x		3/5C-323

3.2.5 Determination of pH using potentiometry in foods

Code	Title	Category ***	Category *	Category **	LUFA-Nord-West AA
ASU L 04.00-13; 2006-12 / DIN 10349; 2004-10 Adoption/Adaptation of the Test Procedure: 2013-03-08	Analysis of foodstuffs – Determination of the pH value in butter plasma (Adoption of the standard of the same name, DIN 10349, October 2004 edition)	x			3/5C-712
VDLUFA VI, C 8.2; 2000 Adoption/Adaptation of the Test Procedure: 2013-03-08	Determination of the pH value in milk and dairy products	x			3/5C-712

3.2.6 Cryometric analysis of milk and cream

Code	Title	Category ***	Category *	Category **	LUFA-Nord-West AA

3.2.6 Cryometric analysis of milk and cream

Code	Title	Category ***	Category *	Category **	LUFA-Nord-West AA
DIN EN ISO 5764; 2009-10 Adoption/Adaptation of the Test Procedure: 2013-03-08	Milk – Determination of freezing point – Thermistor cryoscope method (reference method) (ISO 5764:2009); German version of EN ISO 5764:2009 *Modification: also in cream*	x			3/5C-701

3.2.7 Selected physico-chemical analyses of foods

Code	Title	Category ***	Category *	Category **	LUFA-Nord-West AA
ADPI-American Dairy Product Institute, #005, Version 2.2; 21.01.2025 Adoption/Adaptation of the Test Procedure: 2026-03-20	Determination of scorched particles	x			3/5C-708
ADPI-American Dairy Product Institute, #009, Version 2.0; 30.10.2023 Adoption/Adaptation of the Test Procedure: 2026-01-12	Determination of solubility index	x			3/5C-707
DIN 10331; 1996-03 Adoption/Adaptation of the Test Procedure: 2026-03-19	Food analysis – determination of the hardness of butter	x			3/5C-703

3.2.8 Determination of ingredients, additives and organic contaminants in foods using HPLC

Code	Title	Category ***	Category *	Category **	LUFA-Nord-West AA
ASU L 01.00-76; 2009-06 / DIN EN ISO 14501; 2008-01 Adoption/Adaptation of the Test Procedure: 2016-03-22	Analysis of foodstuffs – determination of aflatoxin M1 content in milk and milk powder – purification by immunoaffinity chromatography and determination by high-performance liquid chromatography (adoption of the German standard of the same name, DIN EN ISO 14501, January 2008 edition)	x			3/5C-501
ASU L 45.00-1; 1999-11 Adoption/Adaptation of the Test Procedure: 2013-03-08	Analysis of foodstuffs – Determination of theobromine and caffeine in cocoa *Restriction: theobromine only*	x			3/5C-508
DIN EN ISO 9233-2; 2013-08 Adoption/Adaptation of the Test Procedure: 2024-11-11	Cheese, cheese rind and processed cheese – Determination of natamycin content – Part 2: High-performance liquid chromatography method for cheese, cheese rind and processed cheese	x			3/5C-517
IDF 178A; 2005 Adoption/Adaptation of the Test Procedure: 2013-03-08	Determination of the content of acid-soluble ß-lactoglobulin in heat-treated milk *Modification: Precipitation of caseins and denatured whey proteins at pH 4.3*	x			3/5C-502
LUFA Nord-West 3/5C-511; 2019-09 Adoption/Adaptation of the Test Procedure: 2016-03-22	Determination of benzoic acid and sorbic acid in low-fat and high-fat foods using HPLC				3/5C-511
LUFA Nord-West 3/5C-513; 2023-03 Adoption/Adaptation of the Test Procedure: 2024-11-06	Determination of the sugar spectrum (sucrose, glucose, fructose, maltose, lactose) in food (HPLC)				3/5C-513
LUFA Nord-West 3/5C-514; 2020-06 Adoption/Adaptation of the Test Procedure: 2016-03-22	Determination of caffeine content by HPLC				3/5C-514
LUFA Nord-West 3/5C-517; 2019-09 Adoption/Adaptation of the Test Procedure: 2023-11-24	Determination of natamycin in natamycin products, cheese and cheese rind (HPLC method)				3/5C-517
VDLUFA VI, C 30.6.1; 1995 Adoption/Adaptation of the Test Procedure: 2019-02-06	Determination of rennet whey powder in milk powder via the content of glycomacropeptide A using high-performance liquid chromatography (HPLC)	x			3/5C-503

3.2.9 Determination of constituents and organic contaminants in foods using gas chromatography (GC)

Code	Title	Category ***	Category *	Category **	LUFA-Nord-West AA

3.2.9 Determination of constituents and organic contaminants in foods using gas chromatography (GC)

Code	Title	Category ***	Category *	Category **	LUFA-Nord-West AA
ASU L 00.00-38/1-4; 1998-09 / DIN EN ISO 1528-1 bis 4 Adoption/Adaptation of the Test Procedure: 2013-03-07	Analysis of foodstuffs – High-fat foods – Determination of pesticides and polychlorinated biphenyls (PCBs) – Parts 1–4 (Adoption of the standard of the same name DIN EN 1528-1 to -4, January 1997 edition)	x			3/5C-401
LUFA Nord-West 3/5C-403; 2021-08 Adoption/Adaptation of the Test Procedure: 2023-05-09	Determination of fatty acid profile (GC) by GC				3/5C-403
LUFA Nord-West 3/5C-404; 2021-06 Adoption/Adaptation of the Test Procedure: 2023-06-27	Determination of cholesterol in food				3/5C-404
LUFA Nord-West 3/5C-405; 2023-02 Adoption/Adaptation of the Test Procedure: 2024-11-06	Determination of milk fat content by calculation based on butyric acid (GC)				3/5C-405
LUFA Nord-West 3/5C-406; 2020-04 Adoption/Adaptation of the Test Procedure: 2023-06-28	Determination of selected VOCs in food				3/5C-406

3.2.10 Determination of constituents in foods using ion chromatography (IC) with amperometric detection

Code	Title	Category ***	Category *	Category **	LUFA-Nord-West AA
LUFA Nord-West 3/5C-518; 2021-03 Adoption/Adaptation of the Test Procedure: 2023-05-09	Determination of sugars by IC				3/5C-518

3.3 Immunological testing of foods using ELISA and RIA

Code	Title	Category ***	Category *	Category **	LUFA-Nord-West AA
ASU L 01.00-68; 1998-09 Adoption/Adaptation of the Test Procedure: 2013-03-08	Food analysis – Screening method for the presence of chloramphenicol residues in milk – Screening method using ELISA in a microtiter system	x	x		3/5C-601
ASU L 01.00-70; 2002-05 Adoption/Adaptation of the Test Procedure: 2013-03-08	Analysis of foodstuffs – Screening method for the presence of streptomycin and dihydrostreptomycin residues in milk; screening method using ELISA in a microtiter system	x	x		3/5C-608
LUFA Nord-West 3/5C-604, 2023-03 Adoption/Adaptation of the Test Procedure: 2024-11-06	Determination of tetracycline – ELISA in milk				3/5C-604
RANDOX EV 4076; 2017 Adoption/Adaptation of the Test Procedure: 2020-10-19	Randox InfiniPlex for Milk	x	x		3/5C-617
r-biopharm, Art. No. R-1121; 2021-02 Adoption/Adaptation of the Test Procedure: 2022-04-01	Enzyme-linked immunosorbent assay for the quantitative determination of aflatoxin M1	x	x		3/5C-605
r-biopharm, Art. No. R-1511; 2021-02 Adoption/Adaptation of the Test Procedure: 2023-05-02	Enzyme-linked immunosorbent assay for the quantitative determination of chloramphenicol	x	x		3/5C-610
r-biopharm, Art. No. R-3104; 2022-01 Adoption/Adaptation of the Test Procedure: 2024-05-10	Enzyme-linked immunosorbent assay for the quantitative determination of streptomycin	x	x		3/5C-608

3.4 Microbiological examinations

3.4.1 Sample preparation by digestion for bacteriological and mycological analysis of foods

Code	Title	Category ***	Category *	Category **	LUFA-Nord-West AA

3.4.1 Sample preparation by digestion for bacteriological and mycological analysis of foods

Code	Title	Category ***	Category *	Category **	LUFA-Nord-West AA
DIN EN ISO 6887-1; 2017-07 Adoption/Adaptation of the Test Procedure: 2023-11-30	Microbiology of the food chain – Preparation of test samples and preparation of primary dilutions and decimal dilutions for microbiological testing – Part 1: General rules for the preparation of primary dilutions and decimal dilutions (ISO 6887-1:2017); German version EN ISO 6887-1:2017	x	x		3/5M-001
DIN EN ISO 6887-2; 2017-07 Adoption/Adaptation of the Test Procedure: 2023-11-30	Microbiology of the food chain – Preparation of test samples and preparation of primary dilutions and decimal dilutions for microbiological testing – Part 2: Specific rules for the preparation of meat and meat products (ISO 6887-2:2017); German version EN ISO 6887-2:2017	x	x		3/5M-001
DIN EN ISO 6887-3; 2020-12 Adoption/Adaptation of the Test Procedure: 2023-11-30	Microbiology of the food chain – Preparation of test samples and preparation of primary and decimal dilutions for microbiological testing – Part 3: Specific rules for the preparation of fish and fishery products (ISO 6887-3:2017 + Amd.1:2020); German version EN ISO 6887-3:2017 + A1:2020	x	x		3/5M-001
DIN EN ISO 6887-4; 2017-07 Adoption/Adaptation of the Test Procedure: 2023-11-30	Microbiology of the food chain – Preparation of test samples and preparation of primary and decimal dilutions for microbiological testing – Part 4: Specific rules for the preparation of other products (ISO 6887-4:2017); German version EN ISO 6887-4:2017	x	x		3/5M-001
DIN EN ISO 6887-5; 2020-08 Adoption/Adaptation of the Test Procedure: 2023-11-30	Microbiology of the food chain – Preparation of test samples and preparation of primary and decimal dilutions for microbiological analysis – Part 5: Specific rules for the preparation of milk and milk products (ISO 6887-5:2020); German version EN ISO 6887-5:2020	x	x		3/5M-001

3.4.2 Detection of bacteria and fungi in foods using microbiological culture testing

Code	Title	Category ***	Category *	Category **	LUFA-Nord-West AA
DIN EN ISO 11290-1; 2017-09 Adoption/Adaptation of the Test Procedure: 2018-11-12	Microbiology of the food chain – Horizontal method for the detection and enumeration of Listeria monocytogenes and Listeria spp. – Part 1: Detection method (ISO 11290-1:2017); German version of EN ISO 11290-1:2017	x	x	x	3/5M-224
DIN EN ISO 11290-2; 2017-09 Adoption/Adaptation of the Test Procedure: 2018-11-12	Microbiology of the food chain — Horizontal method for the detection and enumeration of Listeria monocytogenes , and Listeria spp. — Part 2: Enumeration method (ISO 11290-2:2017); German version of EN ISO 11290-2:2017	x	x	x	3/5M-232
DIN EN ISO 15213-1; 2023-05 Adoption/Adaptation of the Test Procedure: 2025-03-19	Microbiology of the food chain – Horizontal method for the detection and enumeration of Clostridium spp. – Part 1: Enumeration of sulphite-reducing Clostridium spp. by colony counting (ISO 15213-1:2023); German version of EN ISO 15213-1:2023.	x	x	x	3/5M-242
DIN EN ISO 16649-2; 2020-12 Adoption/Adaptation of the Test Procedure: 2023-07-17	Microbiology of food and animal feed – Horizontal method for the enumeration of β-glucuronidase-positive Escherichia coli – Part 2: Colony counting method at 44 °C using 5-bromo-4-chloro-3-indole-β-D-glucuronide (ISO 16649-2:2001), Equivalent to ASU L. 00.00-132/2; 2021-03 Horizontal method for the enumeration of β-glucuronidase-positive Escherichia coli.	x	x	x	3/5M-228
DIN EN ISO 21528-1; 2017-09 Adoption/Adaptation of the Test Procedure: 2018-11-01	Microbiology of the food chain — Horizontal method for the detection and enumeration of Enterobacteriaceae — Part 1: Detection of Enterobacteriaceae (ISO 21528-1:2017); German version of EN ISO 21528-1:2017	x	x	x	3/5M-116
DIN EN ISO 21528-2; 2019-05 Adoption/Adaptation of the Test Procedure: 2022-06-03	Microbiology of the food chain — Horizontal method for the detection and enumeration of Enterobacteriaceae — Part 2: Colony counting method (ISO 21528-2:2017, corrected version 2018-06-01); German version EN ISO 21528-2:2017	x	x	x	3/5M-105
DIN EN ISO 21871; 2006-04 Adoption/Adaptation of the Test Procedure: 2023-11-30	Microbiology of food and feed – Horizontal method for the determination of low numbers of presumptive Bacillus cereus – Most probable number (MPN) method and detection methods	x	x	x	3/5M-237
DIN EN ISO 22964; 2017-08 Adoption/Adaptation of the Test Procedure: 2018-11-01	Microbiology of the food chain – Horizontal method for the detection of Cronobacter spp. (ISO 22964:2017); German version of EN ISO 22964:2017	x	x	x	3/5M-225
DIN EN ISO 4833-1; 2022-05 (mod.) Adoption/Adaptation of the Test Procedure: 2023-07-04	Microbiology of the food chain — Horizontal method for the enumeration of microorganisms — Part 1: Colony counting at 30 °C using the pour plate method (ISO 4833-1:2013 + Amd 1:2022); German version EN ISO 4833-1:2013 + A1:2022 *Deviation: Incubation*	x	x	x	3/5M-101
DIN EN ISO 4833-1; 2022-05 Adoption/Adaptation of the Test Procedure: 2023-07-04	Microbiology of the food chain — Horizontal method for the enumeration of microorganisms — Part 1: Colony counting at 30 °C using the pour plate method (ISO 4833-1:2013 + Amd 1:2022); German version EN ISO 4833-1:2013 + A1:2022	x	x	x	3/5M-101
DIN EN ISO 6579-1; 2020-08 Adoption/Adaptation of the Test Procedure: 2019-02-25	Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp. (ISO 6579-1:2017 + Amd.1:2020); German version EN ISO 6579-1:2017 + A1:202	x	x	x	3/5M-201

3.4.2 Detection of bacteria and fungi in foods using microbiological culture testing

Code	Title	Category ***	*	**	LUFA-Nord-West AA
DIN EN ISO 6888-1; 2024-03 Adoption/Adaptation of the Test Procedure: 2024-06-07	Microbiology of the food chain — Horizontal method for the enumeration of coagulase-positive staphylococci (Staphylococcus aureus and other species) — Part 1: Method using Baird-Parker agar medium (ISO 6888-1:2021)	x	x	x	3/5M-221
DIN EN ISO 6888-3; 2005-07 Adoption/Adaptation of the Test Procedure: 2023-12-06	Microbiology of food and animal feedingstuffs — Horizontal method for the enumeration of coagulase-positive staphylococci (Staphylococcus aureus and other species) — Part 3: Detection and MPN method for low counts (ISO 6888-3:2003); German version of EN ISO 6888-3:2003 + AC:2005	x	x	x	3/5M-234
DIN EN ISO 7932; 2020-11 Adoption/Adaptation of the Test Procedure: 2023-01-03	Microbiology of food and animal feedingstuffs — Horizontal method for the enumeration of presumptive Bacillus cereus — Colony count method at 30 °C (ISO 7932:2004 + Amd 1:2020, corrected version 2020-08); German version EN ISO 7932:2004 + A1:2020	x	x	x	3/5M-236
ISO 13559; 2002-11 / IDF 153 Adoption/Adaptation of the Test Procedure: 2013-06-26	Butter, sour milk and cream cheese – Enumeration of contaminating microorganisms – Colony count method at 30 °C	x	x	x	3/5M-231
ISO 15213-2; 2023-11 Adoption/Adaptation of the Test Procedure: 2025-03-19	Microbiology of the food chain – Horizontal method for the detection and enumeration of Clostridium spp. – Part 2: Enumeration of Clostridium perfringens by colony counting method	x	x	x	3/5M-230
ISO 21527-1; 2008-07 Adoption/Adaptation of the Test Procedure: 2016-08-26	Microbiology of food and animal products – Horizontal method for the enumeration of yeasts and moulds – Part 1: Colony count technique in products with water activity greater than 0.95.	x	x	x	3/5M-114
ISO 21527-2; 2008-07 Adoption/Adaptation of the Test Procedure: 2016-08-30	Microbiology of food and animal feeding stuffs - Horizontal method for the enumeration of yeast and moulds - Part 2: Colony count technique in products with water activity less than or equal to 0.95	x	x	x	3/5M-115
ISO 4831; 2006-08 (Inkubation bei 30°C) Adoption/Adaptation of the Test Procedure: 2013-06-21	Microbiology of food and animal feedingstuffs — Horizontal method for the detection and enumeration of coliforms — Most probable number technique	x	x	x	3/5M-102
ISO 4832; 2006-02 (Inkubation bei 30°C) Adoption/Adaptation of the Test Procedure: 2013-06-21	Microbiology of food and animal feedingstuffs – Horizontal method for the enumeration of coliforms – Colony-count technique	x	x	x	3/5M-103
ISO 6611; 2004-10 / IDF 94:2004-10 Adoption/Adaptation of the Test Procedure: 2018-01-30	Milk and milk products — Enumeration of colony-forming units of yeasts and/or moulds — Colony-count technique at 25 °C	x	x	x	3/5M-104
ISO 7251; 2005-02 (mod.) Adoption/Adaptation of the Test Procedure: 2025-02-07	Microbiology of food and animal feedingstuffs — Horizontal method for the detection and enumeration of presumptive Escherichia coli — Most probable number technique	x	x	x	3/5M-235
ISO 7251; 2005-02 Adoption/Adaptation of the Test Procedure: 2013-06-23	Microbiology of food and animal feedingstuffs — Horizontal method for the detection and enumeration of presumptive Escherichia coli — Most probable number technique	x	x	x	3/5M-235
ISO/TS 11059 (IDF/RM 225); 2009-08 (mod.) Adoption/Adaptation of the Test Procedure: 2025-08-18	Milk and milk products — Method for the enumeration of Pseudomonas spp.	x	x	x	3/5M-206
VDLUFA VI, M 7.12.2; 1993 (mod.) Adoption/Adaptation of the Test Procedure: 2013-06-27	Determination of Pseudomonas: colony counting method *Deviation Agar: GSP*	x	x	x	3/5M-209
VDLUFA VI, M 7.13; 1996 Adoption/Adaptation of the Test Procedure: 2016-08-30	Determination of thermoduric (heat-resistant) microorganisms	x	x	x	3/5M-215
VDLUFA VI, M 7.17.2; 1993 Adoption/Adaptation of the Test Procedure: 2013-06-27	Determination of spores of aerobic spore-forming bacteria (Bacillus)	x	x	x	3/5M-109
VDLUFA VI, M 7.8.2; 1993 Adoption/Adaptation of the Test Procedure: 2013-06-26	Determination of enterococci (colony counting method using kanamycin-esculin-azide agar)	x	x	x	3/5M-210
VDLUFA VI, M 7.9.2; 2023-02 Adoption/Adaptation of the Test Procedure: 2024-05-14	Determination of mesophilic and thermophilic lactobacilli – colony counting method using lactobacillus agar according to de Man, Rogosa and Sharpe (MRS agar)	x	x	x	3/5M-211

3.4.3 Detection of bacteria and fungi through microbiological culture testing of environmental samples in the food industry

Code	Title	Category ***	*	**	LUFA-Nord-West AA

3.4.3 Detection of bacteria and fungi through microbiological culture testing of environmental samples in the food industry

Code	Title	Category ***	Category *	Category **	LUFA-Nord-West AA
DIN 10113-1; 2023-02 (mod.) Adoption/Adaptation of the Test Procedure: 2023-12-06	Horizontal method for the determination of surface bacterial count and detection of specific microorganisms on equipment and utensils along the food chain – Part 1: Swab method *Modification: Reporting of results*	x	x		3/5M-501 3/5M-502 3/5M-503
DIN EN ISO 11290-1; 2017-09 Adoption/Adaptation of the Test Procedure: 2018-11-12	Microbiology of the food chain – Horizontal method for the detection and enumeration of Listeria monocytogenes and Listeria spp. – Part 1: Detection method (ISO 11290-1:2017); German version of EN ISO 11290-1:2017	x	x		3/5M-504
DIN EN ISO 16649-2; 2020-12 Adoption/Adaptation of the Test Procedure: 2023-12-05	Microbiology of food and animal feed – Horizontal method for the enumeration of β-glucuronidase-positive Escherichia coli – Part 2: Colony counting method at 44 °C using 5-bromo-4-chloro-3-indole-β-D-glucuronide (ISO 16649-2:2001), Equivalent to ASU L. 00.00-132/2; 2021-03 Horizontal method for the enumeration of β-glucuronidase-positive Escherichia coli.	x	x		3/5M-503
DIN EN ISO 21528-1; 2017-09 Adoption/Adaptation of the Test Procedure: 2023-12-06	Microbiology of the food chain — Horizontal method for the detection and enumeration of Enterobacteriaceae — Part 1: Detection of Enterobacteriaceae (ISO 21528-1:2017); German version of EN ISO 21528-1:2017	x	x		3/5M-506
DIN EN ISO 21528-2; 2019-05 Adoption/Adaptation of the Test Procedure: 2023-12-06	Microbiology of the food chain — Horizontal method for the detection and enumeration of Enterobacteriaceae — Part 2: Colony counting method (ISO 21528-2:2017, corrected version 2018-06-01); German version EN ISO 21528-2:2017	x	x		3/5M-502
DIN EN ISO 22964; 2017-08 Adoption/Adaptation of the Test Procedure: 2024-03-28	Microbiology of the food chain – Horizontal method for the detection of Cronobacter spp. (ISO 22964:2017); German version of EN ISO 22964:2017	x	x		3/5M-507
DIN EN ISO 4833-1; 2022-05 Adoption/Adaptation of the Test Procedure: 2023-12-06	Microbiology of the food chain — Horizontal method for the enumeration of microorganisms — Part 1: Colony counting at 30 °C using the pour plate method (ISO 4833-1:2013 + Amd 1:2022); German version EN ISO 4833-1:2013 + A1:2022	x	x		3/5M-501
DIN EN ISO 6579-1; 2020-08 Adoption/Adaptation of the Test Procedure: 2019-02-25	Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp. (ISO 6579-1:2017 + Amd.1:2020); German version EN ISO 6579-1:2017 + A1:202	x	x		3/5M-505

3.4.4 Determination of inhibitors in milk and dairy products using microbiological test systems

Code	Title	Category ***	Category *	Category **	LUFA-Nord-West AA
ASU L 01.00-11; 1996-02 (dsm-firmenich, Delvotest® T; 2023-12 (mod.)) Adoption/Adaptation of the Test Procedure: 2025-05-20	Food testing – Screening method for the presence of anti-infectives in milk – Agar diffusion method with Bacillus stearothermophilus (brilliant black reduction test)	x			3/5M-112
dsm-firmenich, Delvotest® T; 2023-12 (mod.) Adoption/Adaptation of the Test Procedure: 2025-05-20	Delvotest® T – Standard diffusion test for the detection of antibacterial substances in milk (20231215)	x			3/5M-112

4. Examinations at site 4

4.1 Tests in accordance with the Drinking Water Ordinance - TrinkwV (a. F.) –

Code	Title	Category ***	Category *	Category **	LUFA-Nord-West AA
DIN 38405-D 4; 1985-07 Adoption/Adaptation of the Test Procedure: 2024-02-23	German standard methods for the analysis of water, wastewater and sludge; Anions (Group D); Determination of fluoride (D 4)	x			4/1B-023
DIN 38407-36 (F 36); 2014-09 Adoption/Adaptation of the Test Procedure: 2017-10-17	German standard methods for the analysis of water, wastewater and sludge – Groups of substances that can be analysed jointly (Group F) – Part 36: Determination of selected active ingredients of plant protection products and other organic substances in water – Method using high-performance liquid chromatography and mass spectrometric detection (HPLC-MS/MS or -HRMS) following direct injection (F 36)	x			4/1C-053
DIN 38409-H 7; 2005-12 Adoption/Adaptation of the Test Procedure: 2014-06-25	German standard methods for the analysis of water, wastewater and sludge – Summary performance and substance parameters (Group H) – Part 7; Determination of acid and base capacity (H7)	x			4/1B-039

4.1 Tests in accordance with the Drinking Water Ordinance - TrinkwV (a. F.) –

Code	Title	Category ***	Category *	Category **	LUFA-Nord-West AA
DIN EN 1484-H 3; 2019-04 Adoption/Adaptation of the Test Procedure: 2022-08-29	Water analysis – Guidelines for the determination of total organic carbon (TOC) and dissolved organic carbon (DOC)	x			4/1B-049
DIN EN 27888 (C 8); 1993-11 Adoption/Adaptation of the Test Procedure: 2014-05-21	Water quality; Determination of electrical conductivity (ISO 7888:1985); German version of EN 27888:1993	x			4/1B-020
DIN EN ISO 10304-1 (D 20); 2009-07 Adoption/Adaptation of the Test Procedure: 2014-05-21	Water quality – Determination of dissolved anions by liquid ion chromatography, Part 1: Determination of bromide, chloride, fluoride, nitrate, nitrite, phosphate and sulphate.	x			4/1B-028
DIN EN ISO 10523 (C5); 2012-04 Adoption/Adaptation of the Test Procedure: 2014-05-21	Water quality – Determination of pH (ISO 10523:2008); German version of EN ISO 10523:2012	x			4/1B-013
DIN EN ISO 11732-E 23; 2005-05 Adoption/Adaptation of the Test Procedure: 2023-11-22	Water quality – Determination of ammonium nitrogen – Methods using flow analysis (CFA and FIA) and spectrometric detection (ISO 11732:2005); German version of EN ISO 11732:2005	x			4/1A-024
DIN EN ISO 11885 (E 22); 2009-09 Adoption/Adaptation of the Test Procedure: 2017-11-02	Water quality — Determination of selected elements by inductively coupled plasma atomic emission spectrometry (ICP-OES) (ISO 11885:2007); German version of EN ISO 11885:2009	x			4/2A-019
DIN EN ISO 12846 (E 12); 2012-08 Adoption/Adaptation of the Test Procedure: 2023-04-24	Water quality — Determination of mercury — Method using atomic absorption spectrometry (AAS) with and without fortification (ISO 12846:2012); German version of EN ISO 12846:2012	x			4/1B-064 4/2A-053
DIN EN ISO 13395-D 28; 1996-12 Adoption/Adaptation of the Test Procedure: 2014-05-21	Water quality — Determination of nitrite nitrogen, nitrate nitrogen and the sum of both using flow- e analysis (CFA and FIA) and spectrometric detection (ISO 13395:1996); German version of EN ISO 13395:1996	x			4/1A-025
DIN EN ISO 17294-2 (E 29); 2017-01 Adoption/Adaptation of the Test Procedure: 2021-10-18	Water quality — Application of inductively coupled plasma mass spectrometry (ICP-MS) — Part 2: Determination of selected elements including uranium isotopes	x			4/2A-009
DIN EN ISO 21676; 2022-01 Adoption/Adaptation of the Test Procedure: 2023-06-27	Water quality — Determination of selected pharmaceutical active substances, transformation products and other organic substances dissolved in water and treated wastewater — Methods using high-performance liquid chromatography and mass spectrometric detection (HPLC-MS/MS or -HRMS) following direct injection (ISO 21676:2018); German version EN ISO 21676:2021	x			4/1C-053
DIN EN ISO 6878 (D 11); 2004-09 Adoption/Adaptation of the Test Procedure: 2014-05-21	Water quality — Determination of phosphorus — Photometric method using ammonium molybdate (ISO 6878:2004); German version of EN ISO 6878:2004	x			4/1B-024
DIN EN ISO 7027-1 (C21); 2016-11 Adoption/Adaptation of the Test Procedure: 2021-10-18	Water quality — Determination of turbidity — Part 1: Quantitative methods (ISO 7027-1:2016); German version of EN ISO 7027-1:2016	x			4/1B-016
DIN EN ISO 7887 (C1) Verfahren B; 2012-04 Adoption/Adaptation of the Test Procedure: 2014-05-21	Water quality – Examination and determination of colour, Method B: Determination of true colour using optical instruments at wavelengths λ = 436 nm, λ = 525 nm and λ = 620 nm	x			4/1B-015
DIN EN ISO 8467 (H 5); 1995-05 Adoption/Adaptation of the Test Procedure: 2014-05-21	Water quality – Determination of the permanganate index (ISO 8467:1993); German version of EN ISO 8467:1995	x			4/1B-037

4.2 Selected physico-chemical and chemical analyses of drinking water, surface water, wastewater and process water

Code	Title	Category ***	Category *	Category **	LUFA-Nord-West AA
DIN 38404-C 4; 1976-12 Adoption/Adaptation of the Test Procedure: 2024-02-21	German standard methods for the analysis of water, wastewater and sludge; Physical and physico-chemical parameters (Group C); Determination of temperature (C 4)	x			4/PN-006 4/PN-007 4/PN-012

4.2 Selected physico-chemical and chemical analyses of drinking water, surface water, wastewater and process water

Code	Title	Category ***	Category *	Category **	LUFA-Nord-West AA
DIN 38404-C 6; 1984-05 Adoption/Adaptation of the Test Procedure: 2024-02-21	German standard methods for the analysis of water, wastewater and sludge; Physical and physico-chemical parameters (Group C); Determination of the redox potential (C 6)	x			4/1PN-xxx 4/PN-006 4/PN-007 4/PN-017
DIN 38407-36 (F 36); 2014-09 Adoption/Adaptation of the Test Procedure: 2017-10-17	German standard methods for the analysis of water, wastewater and sludge – Groups of substances that can be analysed jointly (Group F) – Part 36: Determination of selected active ingredients of plant protection products and other organic substances in water – Method using high-performance liquid chromatography and mass spectrometric detection (HPLC-MS/MS or -HRMS) following direct injection (F 36)	x			4/1C-032 4/1C-053
DIN 38407-42; 2011-03 Adoption/Adaptation of the Test Procedure: 2014-05-21	German standard methods for the analysis of water, wastewater and sludge – Groups of substances that can be analysed together (Group F) – Part 42: Determination of selected polyfluorinated compounds (PFCs) in water – Method using high-performance liquid chromatography and mass spectrometric detection (HPLC-MS/MS) following solid-liquid extraction (F 42)	x			4/1C-044
DIN EN 1484-H 3; 2019-04 Adoption/Adaptation of the Test Procedure: 2022-08-29	Water analysis – Guidelines for the determination of total organic carbon (TOC) and dissolved organic carbon (DOC)	x			4/1B-049
DIN EN ISO 21676; 2022-01 Adoption/Adaptation of the Test Procedure: 2023-06-27	Water quality — Determination of selected pharmaceutical active substances, transformation products and other organic substances dissolved in water and treated wastewater — Methods using high-performance liquid chromatography and mass spectrometric detection (HPLC-MS/MS or -HRMS) following direct injection (ISO 21676:2018); German version EN ISO 21676:2021	x			4/1C-053
DIN EN ISO 5815-1 (H 50); 2020-11 Adoption/Adaptation of the Test Procedure: 2023-08-07	Water quality – Determination of biochemical oxygen demand after n days (BOD) – Part 1: Dilution- e and inoculation methods with the addition of allylthiourea (ISO 5815-1:2019); German version of EN ISO 5815-1:2019	x			4/1B-011
DIN EN ISO 7027-2 (C22); 2019-06 Adoption/Adaptation of the Test Procedure: 2024-02-21	Water quality — Determination of turbidity — Part 2: Semi-quantitative methods for assessing light transmission (ISO 7027-2:2019); German version of EN ISO 7027-2:2019	x			4/PN-006
DIN EN ISO 9377-2 (H 53); 2001-07 Adoption/Adaptation of the Test Procedure: 2014-05-21	Water quality — Determination of the hydrocarbon index — Part 2: Method by solvent extraction and gas chromatography ( ) (ISO 9377-2:2000); German version of EN ISO 9377-2:2000	x			4/1C-008
DIN ISO 11349 (H56); 2015-12 Adoption/Adaptation of the Test Procedure: 2018-01-30	Water quality — Determination of low-volatility lipophilic substances — Gravimetric method (ISO 11349)	x			4/1C-051
DIN ISO 17289 (G25); 2014-12 Adoption/Adaptation of the Test Procedure: 2024-02-21	Water quality — Determination of dissolved oxygen — Optical sensor method (ISO 17289:2014)	x			4/PN-006 4/PN-007 4/PN-016
DIN prEN 17892; 2022-08 Adoption/Adaptation of the Test Procedure: 2024-11-21	Water quality – Determination of the sum of perfluorinated substances (sum of PFAS) in drinking water – Method using liquid chromatography/mass spectrometry (LC/MS) [Part A]	x			4/1C-044 4/1C-053

4.3, Section 1 List of examination procedures for the WATER module, Location 4: Hameln. Version: LAWA dated 18 October 2018, Section 1

Code	Title	Category ***	Category *	Category **	LUFA-Nord-West AA
DIN 38402-A 11; 2009-02 Adoption/Adaptation of the Test Procedure: 2024-02-21	German standard methods for the analysis of water, wastewater and sludge – General information (Group A) – Part 11: Sampling of wastewater (A 11)				4/PN-007
DIN 38402-A 12; 1985-06 Adoption/Adaptation of the Test Procedure: 2024-02-21	German standard methods for the analysis of water, wastewater and sludge; General information (Group A); Sampling from standing waters (A 12)				4/PN-006

4.3, Section 1 List of examination procedures for the WATER module, Location 4: Hameln. Version: LAWA dated 18 October 2018, Section 1

Code	Title	Category *** * **	LUFA-Nord-West AA
DIN 38402-A 30; 1998-07 Adoption/Adaptation of the Test Procedure: 2024-02-21	German standard methods for the analysis of water, wastewater and sludge – General information (Group A) – Part 30: Pretreatment, homogenisation and division of heterogeneous water samples (A 30)		4/PN-006 4/PN-007 4/PN-014
DIN 38404-C 4; 1976-12 Adoption/Adaptation of the Test Procedure: 2024-02-21	German standard methods for the analysis of water, wastewater and sludge; Physical and physico-chemical parameters (Group C); Determination of temperature (C 4)		4/PN-006 4/PN-007 4/PN-012
DIN 38404-C 6; 1984-05 Adoption/Adaptation of the Test Procedure: 2024-02-21	German standard methods for the analysis of water, wastewater and sludge; Physical and physico-chemical parameters (Group C); Determination of the redox potential (C 6)		4/1PN-xxx 4/PN-006 4/PN-007 4/PN-017
DIN EN 1622 (B 3) Anlage C; 2006-10 Adoption/Adaptation of the Test Procedure: 2024-02-21	Water quality – Determination of the odour threshold (TON) and the taste threshold (TFN); German version of EN 1622:2006		4/PN-006 4/PN-007
DIN EN 27888 (C 8); 1993-11 Adoption/Adaptation of the Test Procedure: 2024-02-21	Water quality; Determination of electrical conductivity (ISO 7888:1985); German version of EN 27888:1993		4/1B-020 4/PN-006 4/PN-007
DIN EN ISO 10523 (C5); 2012-04 Adoption/Adaptation of the Test Procedure: 2024-02-21	Water quality – Determination of pH (ISO 10523:2008); German version of EN ISO 10523:2012		4/1B-013 4/PN-006 4/PN-007 4/PN-015
DIN EN ISO 5667-6 (A15); 2016-12 Adoption/Adaptation of the Test Procedure: 2024-02-21	Water quality — Sampling — Part 6: Guidance on sampling from flowing waters (ISO 5667-6:2014); German version EN ISO 5667-6:2016		4/PN-006
DIN EN ISO 5814 (G22); 2013-02 Adoption/Adaptation of the Test Procedure: 2020-09-28	Water quality — Determination of dissolved oxygen — Electrochemical method (ISO 5814:2012); German version of EN ISO 5814:2012		4/1B-033
DIN EN ISO 7027-C 2; 2000-04 Adoption/Adaptation of the Test Procedure: 2024-02-21	Water quality – Determination of turbidity		4/PN-006
DIN EN ISO 7887 (C1) Verfahren A; 2012-04 Adoption/Adaptation of the Test Procedure: 2024-02-21	Water quality – Examination and determination of colour, Method A: visual examination		4/PN-006 4/PN-007
DIN ISO 17289 (G25); 2014-12 Adoption/Adaptation of the Test Procedure: 2026-03-11	Water quality — Determination of dissolved oxygen — Optical sensor method (ISO 17289:2014)		4/1B-033 4/PN-006 4/PN-007 4/PN-016

4.3, Section 2 List of examination procedures for the WATER module, Location 4: Hameln. Version: LAWA dated 18 October 2018, Section 2

Code	Title	Category *** * **	LUFA-Nord-West AA
DIN 38405-D 1-1; 1985-12 Adoption/Adaptation of the Test Procedure: 2020-07-28	German standard methods for the analysis of water, wastewater and sludge; Anions (Group D); Determination of chloride ions (D 1)		4/1B-022
DIN 38405-D 4-1; 1985-07 Adoption/Adaptation of the Test Procedure: 2020-07-28	German standard methods for the analysis of water, wastewater and sludge; Anions (Group D); Determination of fluoride (D 4)		4/1B-023
DIN EN ISO 10304-1 (D 20); 2009-07 Adoption/Adaptation of the Test Procedure: 2014-05-21	Water quality – Determination of dissolved anions by liquid ion chromatography, Part 1: Determination of bromide, chloride, fluoride, nitrate, nitrite, phosphate and sulphate.		4/1B-022 4/1B-028
DIN EN ISO 11732-E 23; 2005-05 Adoption/Adaptation of the Test Procedure: 2023-11-22	Water quality – Determination of ammonium nitrogen – Methods using flow analysis (CFA and FIA) and spectrometric detection (ISO 11732:2005); German version of EN ISO 11732:2005		4/1A-024
DIN EN ISO 13395-D 28; 1996-12 Adoption/Adaptation of the Test Procedure: 2014-05-21	Water quality — Determination of nitrite nitrogen, nitrate nitrogen and the sum of both using flow- e analysis (CFA and FIA) and spectrometric detection (ISO 13395:1996); German version of EN ISO 13395:1996		4/1A-025
DIN EN ISO 6878 (D 11); 2004-09 Adoption/Adaptation of the Test Procedure: 2014-05-21	Water quality — Determination of phosphorus — Photometric method using ammonium molybdate (ISO 6878:2004); German version of EN ISO 6878:2004		4/1B-024
DIN EN ISO 7887 (C1) Verfahren B; 2012-04 Adoption/Adaptation of the Test Procedure: 2014-05-21	Water quality – Examination and determination of colour, Method B: Determination of true colour using optical instruments at wavelengths λ = 436 nm, λ = 525 nm and λ = 620 nm		4/1B-015

4.3, Section 3 List of examination procedures for the WATER module, Location 4: Hameln. Version: LAWA dated 18 October 2018, Section 3

Code	Title	Category *** * **	LUFA-Nord-West AA
DIN EN ISO 11885 (E 22); 2009-09 Adoption/Adaptation of the Test Procedure: 2017-11-02	Water quality — Determination of selected elements by inductively coupled plasma atomic emission spectrometry (ICP-OES) (ISO 11885:2007); German version of EN ISO 11885:2009		4/2A-019
DIN EN ISO 12846 (E 12); 2012-08 Adoption/Adaptation of the Test Procedure: 2023-04-24	Water quality — Determination of mercury — Method using atomic absorption spectrometry (AAS) with and without fortification (ISO 12846:2012); German version of EN ISO 12846:2012		4/1B-064 4/2A-053
DIN EN ISO 17294-2 (E 29); 2017-01 Adoption/Adaptation of the Test Procedure: 2021-10-18	Water quality — Application of inductively coupled plasma mass spectrometry (ICP-MS) — Part 2: Determination of selected elements including uranium isotopes		4/2A-009

4.3, Section 4/5 List of examination procedures for the WATER module, Location 4: Hameln. Version: LAWA dated 18 October 2018, Section 4/5

Code	Title	Category *** * **	LUFA-Nord-West AA
DIN 38409-H 41; 1980-12 Adoption/Adaptation of the Test Procedure: 2014-05-21	German standard methods for the analysis of water, wastewater and sludge; Summary performance and substance parameters (Group H); Determination of chemical oxygen demand (COD) in the range above 15 mg/l (H 41)		4/1B-010
DIN 38409-H 44; 1992-05 Adoption/Adaptation of the Test Procedure: 2026-02-11	German standard methods for the analysis of water, wastewater and sludge; Summary performance and e parameters (Group H); Determination of chemical oxygen demand (COD) in the range 5 to 50 mg/l (H 44)		4/1B-010 4/1B-067
DIN EN 1484-H 3; 1997-08 Adoption/Adaptation of the Test Procedure: 2024-02-23	Water Analysis – Guidelines for the determination of total organic carbon (TOC) and dissolved organic carbon (DOC)		4/1B-049
DIN EN 1899-1 (H 51); 1998-05 Adoption/Adaptation of the Test Procedure: 2014-05-21	Water quality – Determination of biochemical oxygen demand after n days (BOD) – Part 1: Dilution- e and inoculation methods following the addition of allylthiourea (ISO 5815:1989, modified)		4/1B-011
DIN EN 1899-2 (H 52); 1998-05 Adoption/Adaptation of the Test Procedure: 2023-08-07	Water quality — Determination of biochemical oxygen demand after n days (BOD) — Part 2: Method for undiluted samples (ISO 5815:1989, modified); German version of EN 1899-2:1998		4/1B-011

4.3, Section 4/5 List of examination procedures for the WATER module, Location 4: Hameln. Version: LAWA dated 18 October 2018, Section 4/5

Code	Title	Category *** * **	LUFA-Nord-West AA
DIN EN 872-H 33; 2005-04 - Filter: Macherey-Nagel GF-5 Adoption/Adaptation of the Test Procedure: 2025-07-02	Water quality – Determination of suspended solids – Method by separation using glass fibre filters; German version of EN 872:2005		4/1B-036
DIN EN ISO 11905-1 (H 36); 1998-08 Adoption/Adaptation of the Test Procedure: 2014-05-21	Water quality — Determination of nitrogen — Part 1: Determination of nitrogen following oxidative digestion with peroxodisulphate (ISO 11905-1:1997); German version of EN ISO 11905-1:1998		4/1B-051
DIN EN ISO 9562 (H 14); 2005-02 Adoption/Adaptation of the Test Procedure: 2014-05-21	Water quality — Determination of adsorbable organically bound halogens (AOX) (ISO 9562:2004); German version of EN ISO 9562:2004		4/2A-001

4.3, Section 6 List of examination procedures for the WATER module, Location 4: Hameln. Version: LAWA dated 18 October 2018, Section 6

Code	Title	Category *** * **	LUFA-Nord-West AA
DIN EN ISO 9377-2 (H 53); 2001-07 Adoption/Adaptation of the Test Procedure: 2014-05-21	Water quality — Determination of the hydrocarbon index — Part 2: Method by solvent extraction and gas chromatography ( ) (ISO 9377-2:2000); German version of EN ISO 9377-2:2000		4/1C-008

4.3, Section 7 List of examination procedures for the WATER module, Location 4: Hameln. Version: LAWA dated 18 October 2018, Section 7

Code	Title	Category *** * **	LUFA-Nord-West AA
DIN 38407-36 (F 36); 2014-09 Adoption/Adaptation of the Test Procedure: 2017-10-17	German standard methods for the analysis of water, wastewater and sludge – Groups of substances that can be analysed jointly (Group F) – Part 36: Determination of selected active ingredients of plant protection products and other organic substances in water – Method using high-performance liquid chromatography and mass spectrometric detection (HPLC-MS/MS or -HRMS) following direct injection (F 36)		4/1C-053

4.4 List of examination procedures for the WASTE module, Site 4: Version: LAGA, May 2018

Code	Title	Category *** * **	LUFA-Nord-West AA
DIN 19682-2; 2014-07 Adoption/Adaptation of the Test Procedure: 2018-03-28	Soil properties – Field investigations – Part 2: Determination of soil type		4/1A-031
DIN 19698-1; 2014-05 Adoption/Adaptation of the Test Procedure: 2022-10-17	Testing of solids – Sampling of solid and cohesive materials – Part 1: Guidance on segment-oriented sampling from stockpiles		4/PN-002
DIN 19747; 2009-07 Adoption/Adaptation of the Test Procedure: 2024-02-20	Analysis of solids – Sample pre-treatment, preparation and processing for chemical, biological and physical analyses		4/1A-001 4/2A-004 4/2A-048 4/2A-049
DIN 38406-E 5; 1983-10 Adoption/Adaptation of the Test Procedure: 2014-05-21	German standard methods for the analysis of water, wastewater and sludge; Cations (Group E); Determination of ammonium nitrogen (E 5)		4/2A-035
DIN 38414-14; 2011-08 Adoption/Adaptation of the Test Procedure: 2014-05-21	German standard methods for the analysis of water, wastewater and sludge – Sludge and sediments (Group S) – Part 14: Determination of selected polyfluorinated compounds (PFCs) in sludge, compost and soil – Method using high-performance liquid chromatography and mass spectrometric detection (HPLC-MS/MS) (S 14)		4/1C-045
DIN 38414-24; 2000-10 Adoption/Adaptation of the Test Procedure: 2014-05-21	German standard methods for the analysis of water, wastewater and sludge – Sludge and sediments (Group S) – Part 24: Determination of polychlorinated dibenzodioxins (PCDD) and polychlorinated dibenzofurans (PCDF) (S 24)		4/1C-014

4.4 List of examination procedures for the WASTE module, Site 4: Version: LAGA, May 2018

Code	Title	Category *** * **	LUFA-Nord-West AA
DIN 38414-S 18; 1989-11 Adoption/Adaptation of the Test Procedure: 2014-05-21	Determination of organically bound halogens (AOX) in sludge and sediments		4/2A-006
DIN 51750-1; 1990-12 Adoption/Adaptation of the Test Procedure: 2024-02-21	Testing of mineral oils; Sampling; General		4/PN-005
DIN 51750-2; 1990-12 Adoption/Adaptation of the Test Procedure: 2024-02-21	Testing of mineral oils; Sampling; Liquid substances		4/PN-005
DIN CEN/TS 16181; DIN SPEC 91243; 2013-12 Adoption/Adaptation of the Test Procedure: 2018-04-05	Sludge, treated biowaste and soil – Determination of polycyclic aromatic hydrocarbons (PAHs) by gas chromatography (GC) and high-performance liquid chromatography (HPLC)		4/1C-013
DIN EN 12579; 2000-01 Adoption/Adaptation of the Test Procedure: 2024-02-21	Soil improvers and growing media – Sampling		4/PN-005
DIN EN 15933; 2012-11 Adoption/Adaptation of the Test Procedure: 2018-03-31	Sludge, treated biowaste and soil – Determination of pH		4/2A-032
DIN EN 15934; 2012-11 Adoption/Adaptation of the Test Procedure: 2018-03-31	Sludge, treated biowaste, soil and waste – Calculation of dry matter content following determination of dry residue or moisture content; German version of EN 15934:2012		4/2A-004
DIN EN 15935; 2012-11 Adoption/Adaptation of the Test Procedure: 2018-03-31	Sludge, treated biowaste, soil and waste – Determination of loss on ignition		4/2A-030
DIN EN 16169; 2012-11 Adoption/Adaptation of the Test Procedure: 2018-03-31	Sludge, treated biowaste and soil – Determination of Kjeldahl nitrogen; German version of EN 16169:2012		4/2A-041
DIN EN 16170; 2017-01 Adoption/Adaptation of the Test Procedure: 2018-03-28	Sludge, treated biowaste and soil – Determination of elements by inductively coupled plasma optical emission spectrometry (ICP-OES); German version of EN 16170:2016		4/2A-015 4/2A-018
DIN EN 16171; 2017-01 Adoption/Adaptation of the Test Procedure: 2018-03-31	Sludge, treated biowaste and soil — Determination of elements by inductively coupled plasma mass spectrometry (ICP-MS); German version of EN 16171:2016		4/2A-054
DIN EN 16174; 2012-11 Adoption/Adaptation of the Test Procedure: 2024-02-16	Sludge, treated biowaste and soil – digestion of elements soluble in aqua regia		4/2A-003
DIN EN 16175-1; 2016-12 Adoption/Adaptation of the Test Procedure: 2018-03-28	Sludge, treated biowaste and soil – Determination of mercury – Part 1: Cold vapour atomic absorption spectrometry (CV-AAS); German version of EN 16175-1:2016		4/2A-013
DIN EN ISO 11885 (E 22); 2009-09 (mod.) Adoption/Adaptation of the Test Procedure: 2016-09-05	Water quality – Determination of selected elements by inductively coupled plasma atomic emission spectrometry (ICP-OES) *Modification: different matrix*		4/2A-018
DIN EN ISO 5667-13; 2011-08 Adoption/Adaptation of the Test Procedure: 2024-02-21	Water quality – Sampling – Part 13: Guidance on the sampling of sludge		4/PN-002 4/PN-005
DIN ISO 10381-1; 2003-08 Adoption/Adaptation of the Test Procedure: 2015-02-17	Soil properties – Sampling – Part 1: Guidance on the establishment of sampling programmes		4/PN-001
DIN ISO 10381-4; 2004-04 Adoption/Adaptation of the Test Procedure: 2015-02-17	Soil properties – Sampling – Part 4: Guidance on procedures for the investigation of natural, near-natural and cultivated sites		4/PN-001
DIN ISO 18287; 2006-05 Adoption/Adaptation of the Test Procedure: 2015-02-06	Soil quality — Determination of polycyclic aromatic hydrocarbons (PAHs) — Gas chromatographic method with detection by mass spectrometry (GC-MS) (ISO 18287:2006)		4/1C-013
VDLUFA I, A 5.1.1; 2016 Adoption/Adaptation of the Test Procedure: 2022-10-21	Determination of pH		4/1A-015
VDLUFA I, A 6.2.1.1; 2016 Adoption/Adaptation of the Test Procedure: 2025-02-21	Determination of phosphorus and potassium in calcium acetate-lactate (CAL) extract		4/1A-006 4/1A-036

4.4 List of examination procedures for the WASTE module, Site 4: Version: LAGA, May 2018

Code	Title	Category ***	Category *	Category **	LUFA-Nord-West AA
VDLUFA I, A 6.2.1.2; 1991 Adoption/Adaptation of the Test Procedure: 2014-05-20	Determination of phosphorus and potassium in the double lactate (DL) extract				4/1A-008
VDLUFA II.2, 4.5.1; 2008 Adoption/Adaptation of the Test Procedure: 2022-10-21	Determination of the basic-active components in quicklime, converter lime, lime fertilisers from [...] as well as organic and organic-mineral fertilisers				4/2B-004

4.5 Analysis of agricultural and horticultural soils, fertilisers, compost, secondary raw material fertilisers and waste

4.5.1 Sampler

Code	Title	Category ***	Category *	Category **	LUFA-Nord-West AA
BioAbfV; Stand: 22.04.2022, § 4 Abs. 9 BioAbfV, Anhang 3, Pkt. 1.1 Adoption/Adaptation of the Test Procedure: 2024-06-20	Analysis of untreated and treated biowaste, sampling	x			4/PN-005
DIN 19671-1; 1964-05 Adoption/Adaptation of the Test Procedure: 2015-02-17	Earth-boring equipment for agricultural engineering; furrow drills, pipe drills	x			4/PN-001
DIN 19747; 2009-07 Adoption/Adaptation of the Test Procedure: 2024-10-01	Analysis of solids – Sample pre-treatment, preparation and processing for chemical, biological and physical analysis	x			4/PN-001
DIN 38414-11; 1987-08 Adoption/Adaptation of the Test Procedure: 2024-02-21	German standard methods for the analysis of water, wastewater and sludge; Sludge and sediments (Group S); Sampling of sediments (S 11)	x			4/PN-010
DIN ISO 10381-2; 2003-08 Adoption/Adaptation of the Test Procedure: 2015-02-17	Soil properties - Sampling - Part 2: Guidance on sampling procedures	x			4/PN-001
DIN ISO 10381-3; 2002-08 Adoption/Adaptation of the Test Procedure: 2024-02-21	Soil properties – Sampling – Part 3: Guidance on safety	x			4/PN-001 4/PN-002
DIN ISO 10381-4; 2004-04 Adoption/Adaptation of the Test Procedure: 2015-02-17	Soil properties – Sampling – Part 4: Guidance on procedures for the investigation of natural, near-natural and cultivated sites	x			4/PN-001
DIN ISO 18400-101; 2020-11 Adoption/Adaptation of the Test Procedure: 2022-11-18	Soil quality — Sampling — Part 101: Guidelines for the preparation and application of a sampling plan (ISO 18400-101:2017)	x			4/PN-001
DIN ISO 18400-102; 2020-11 Adoption/Adaptation of the Test Procedure: 2022-11-18	Soil properties — Sampling — Part 102: Selection and application of sampling techniques (ISO 18400-102:2017)	x			4/PN-001
DIN ISO 18400-104; 2020-11 Adoption/Adaptation of the Test Procedure: 2022-11-18	Soil properties — Sampling — Part 104: Strategies (ISO 18400-104:2018)	x			4/PN-001
DIN ISO 18400-107; 2020-11 Adoption/Adaptation of the Test Procedure: 2022-11-18	Soil properties — Sampling — Part 107: Recording and reporting (ISO 18400-107:2017)	x			4/PN-001
DIN ISO 18400-202; 2020-11 Adoption/Adaptation of the Test Procedure: 2023-04-18	Soil properties — Sampling — Part 202: Sampling (ISO 18400-202:2018)	x			4/PN-001
VDLUFA I, A 1.0; 1991 Adoption/Adaptation of the Test Procedure: 2022-11-18	General guidelines for taking soil samples	x			4/PN-001

4.5.2 Sample preparation

Code	Title	Category ***	Category *	Category **	LUFA-Nord-West AA
DIN 19682-2; 2014-07 Adoption/Adaptation of the Test Procedure: 2018-03-28	Soil properties – Field investigations – Part 2: Determination of soil type	x			4/1A-031

4.5.2 Sample preparation

Code	Title	Category ***	Category *	Category **	LUFA-Nord-West AA
DIN EN 15477; 2009-04 Adoption/Adaptation of the Test Procedure: 2024-02-21	Fertilisers — Determination of water-soluble potassium; German version of EN 15477:2009 *Modification: Determination by ICP-OES*	x			4/2B-006
DIN EN 15957; 2011-12 Adoption/Adaptation of the Test Procedure: 2024-02-22	Fertilisers – Extraction of phosphorus soluble in neutral ammonium citrate; German version of EN 15957:2011	x			4/2B-036
DIN EN 15958, 2012-02 Adoption/Adaptation of the Test Procedure: 2024-02-21	Fertilisers – Extraction of water-soluble phosphorus; German version of EN 15958:2011	x			4/2B-010
DIN EN 15961; 2017-03 Adoption/Adaptation of the Test Procedure: 2024-02-21	Fertilisers – Extraction of water-soluble calcium, magnesium and sodium, and of sulphur in the form of sulphate; German version of EN 15961:2017	x			4/2B-006
DIN EN 16174; 2012-11 Adoption/Adaptation of the Test Procedure: 2024-02-16	Sludge, treated biowaste and soil – digestion of elements soluble in aqua regia	x			4/2A-003
DIN EN 16962, 2018-03 (mod.) Adoption/Adaptation of the Test Procedure: 2024-02-21	Fertilisers - Extraction of water-soluble trace elements from fertilisers and removal of organic compounds from fertiliser extracts *Modification: Weighing and extraction in accordance with DIN EN 15958:2012-02*	x			4/2B-010
VDLUFA I, D 2.1; 1997 Adoption/Adaptation of the Test Procedure: 2014-05-20	Determination of the soil type of fine soil using the finger test	x			4/1A-031
VDLUFA II.1, 4.1.4; 1995 Adoption/Adaptation of the Test Procedure: 2014-05-21	Phosphate soluble in water and neutral ammonium citrate according to Fresenius-Neubauer	x			4/2B-008
VDLUFA II.1, 5.1.1.1; 1995 Adoption/Adaptation of the Test Procedure: 2024-02-21	Determination of water-soluble potassium (extraction)	x			4/2B-006
VDLUFA II.1, 6.1.1; 2019 Adoption/Adaptation of the Test Procedure: 2024-02-22	Determination of calcium soluble in mineral acids, preparation of the analytical solution	x			4/2B-033
VDLUFA II.1, 6.1.3; 1999 Adoption/Adaptation of the Test Procedure: 2024-02-21	Determination of water-soluble calcium in mineral fertilisers, preparation of the analytical solution	x			4/2B-006
VDLUFA VII, 2.1.3; 2011 (Mikrowellendruckaufschluss) Adoption/Adaptation of the Test Procedure: 2014-05-21	Microwave-assisted pressure digestion	x			4/2A-002

4.5.3 Gravimetric methods

Code	Title	Category ***	Category *	Category **	LUFA-Nord-West AA
BGK Kap. II C3; 2015-12 Adoption/Adaptation of the Test Procedure: 2024-02-22	Degree of contamination (total area)	x			4/2B-030
DIN 38414-S 22; 2018-10 Adoption/Adaptation of the Test Procedure: 2024-02-16	German standard methods for the analysis of water, wastewater and sludge – Sludge and sediments (Group S) – Part 22: Determination of the freeze-dried residue and preparation of the freeze-dried mass of a sludge (S 22)	x			4/2A-004
DIN EN 15934; 2012-11 Adoption/Adaptation of the Test Procedure: 2024-02-21	Sludge, treated biowaste, soil and waste – Calculation of dry matter content following determination of dry residue or moisture content; German version of EN 15934:2012	x			4/1A-001 4/2A-004 4/2B-011
DIN EN 15935; 2012-11 Adoption/Adaptation of the Test Procedure: 2024-02-21	Sludge, treated biowaste, soil and waste – Determination of loss on ignition	x			4/2A-030 4/2B-025
VDLUFA II.1, 15.2.1; 2014 Adoption/Adaptation of the Test Procedure: 2014-06-24	Determination of dry matter	x			4/2B-011

4.5.3 Gravimetric methods

Code	Title	Category ***	*	**	LUFA-Nord-West AA
VDLUFA II.1, 6.5.1; 2008 Adoption/Adaptation of the Test Procedure: 2023-01-25	Determination of the sieve passage of lime (dry method)	x			4/2B-002

4.5.4 Volumetric, titrimetric and potentiometric methods

Code	Title	Category ***	*	**	LUFA-Nord-West AA
DIN 38414-S 18; 2019-06 Adoption/Adaptation of the Test Procedure: 2023-08-01	German standard methods for the analysis of water, wastewater and sludge – Sludge and sediments (Group S) – Part 18: Determination of adsorbed, organically bound halogens in sludge and sediments (AOX) (S 18)	x			4/2A-006
DIN EN 15933; 2012-11 Adoption/Adaptation of the Test Procedure: 2018-03-31	Sludge, treated biowaste and soil – Determination of pH	x			4/2A-032
DIN EN 16169; 2012-11 Adoption/Adaptation of the Test Procedure: 2018-03-31	Sludge, treated biowaste and soil – Determination of Kjeldahl nitrogen; German version of EN 16169:2012	x			4/2A-041
DIN ISO 10390; 2005-12 Adoption/Adaptation of the Test Procedure: 2014-05-20	Soil properties - Determination of pH	x			4/1A-015
VDLUFA I, A 10.1.1; 1991 Adoption/Adaptation of the Test Procedure: 2014-05-21	Determination of salt content in soils, horticultural soils and substrates	x			4/1A-016
VDLUFA I, A 13.4.1; 1991 Adoption/Adaptation of the Test Procedure: 2026-01-29	Determination of salt content in horticultural soils, potting soils and substrates using a water extract	x			4/1A-016
VDLUFA I, A 5.1.1; 2016 Adoption/Adaptation of the Test Procedure: 2022-10-21	Determination of pH	x			4/1A-015
VDLUFA II.1, 3.2.1; 1995 Adoption/Adaptation of the Test Procedure: 2014-05-21	Determination of ammonium nitrogen – distillation with caustic soda	x			4/2B-003
VDLUFA II.1, 6.3.2; 2008 Adoption/Adaptation of the Test Procedure: 2022-10-21	Determination of the alkaline-active components in blast furnace lime, converter lime, lime fertilisers from [...] as well as organic and organo-mineral fertilisers	x			4/2B-004
VDLUFA II.1, 6.4; 1995 Adoption/Adaptation of the Test Procedure: 2014-05-21	Determination of the reactivity of carbonated fertilising lime	x			4/2B-001
VDLUFA II.2, 4.5.1; 2008 Adoption/Adaptation of the Test Procedure: 2022-10-21	Determination of the basic-active components in quicklime, converter lime, lime fertilisers from [...] as well as organic and organic-mineral fertilisers	x			4/2B-004
VDLUFA VII, 2.2.2.11; 2017 Adoption/Adaptation of the Test Procedure: 2016-07-01	Determination of fluorine in plants and feed using an ion-selective electrode	x			4/1B-004

4.5.5 Spectroscopic methods (UV, VIS, AAS, ICP)

Code	Title	Category ***	*	**	LUFA-Nord-West AA
DIN EN 16170; 2017-01 Adoption/Adaptation of the Test Procedure: 2023-07-25	Sludge, treated biowaste and soil – Determination of elements by inductively coupled plasma optical emission spectrometry (ICP-OES); German version of EN 16170:2016	x			4/2A-015 4/2A-017 4/2A-018
DIN EN 16171; 2017-01 Adoption/Adaptation of the Test Procedure: 2018-03-31	Sludge, treated biowaste and soil — Determination of elements by inductively coupled plasma mass spectrometry (ICP-MS); German version of EN 16171:2016	x			4/2A-054
DIN EN 16175-1; 2016-12 Adoption/Adaptation of the Test Procedure: 2018-03-28	Sludge, treated biowaste and soil – Determination of mercury – Part 1: Cold vapour atomic absorption spectrometry (CV-AAS); German version of EN 16175-1:2016	x			4/2A-013

4.5.5 Spectroscopic methods (UV, VIS, AAS, ICP)

Code	Title	Category ***	Category *	Category **	LUFA-Nord-West AA
DIN EN ISO 11732-E 23; 2005-05 Adoption/Adaptation of the Test Procedure: 2015-02-03	Water quality – Determination of ammonium nitrogen – Methods using flow analysis (CFA and FIA) and spectrometric detection (ISO 11732:2005); German version of EN ISO 11732:2005	x			4/1A-019
DIN EN ISO 11885 (E 22); 2009-09 (mod.) Adoption/Adaptation of the Test Procedure: 2016-09-05	Water quality – Determination of selected elements by inductively coupled plasma atomic emission spectrometry (ICP-OES) *Modification: different matrix*	x			4/2A-016 4/2A-018 4/2A-023 4/2A-047
DIN EN ISO 17294-2 (E 29); 2017-01 Adoption/Adaptation of the Test Procedure: 2025-04-09	Water quality — Application of inductively coupled plasma mass spectrometry (ICP-MS) — Part 2: Determination of selected elements including uranium isotopes	x			4/2A-054 4/2A-062
VDLUFA I, A 6.1.4.1; 2002 Adoption/Adaptation of the Test Procedure: 2014-05-21	Determination of mineral nitrogen (nitrate and ammonium) in soil profiles (Nmin laboratory method)	x			4/1A-014 4/1A-036
VDLUFA I, A 6.2.1.1; 2016 Adoption/Adaptation of the Test Procedure: 2022-10-21	Determination of phosphorus and potassium in calcium acetate-lactate (CAL) extract	x			4/1A-006 4/1A-036
VDLUFA I, A 6.2.1.2; 1991 Adoption/Adaptation of the Test Procedure: 2014-05-20	Determination of phosphorus and potassium in the double lactate (DL) extract	x			4/1A-008
VDLUFA I, A 6.2.4.1; 1991 Adoption/Adaptation of the Test Procedure: 2025-02-21	Determination of plant-available magnesium in calcium chloride extract	x			4/1A-005 4/1A-036 4/2A-033
VDLUFA I, A 6.3.1; 2016 Adoption/Adaptation of the Test Procedure: 2024-02-14	Determination of soluble sulphur in soil profiles (Smin)	x			4/1A-021 4/2A-025
VDLUFA I, A 6.4.1; 2002 Adoption/Adaptation of the Test Procedure: 2014-05-21	Determination of magnesium, sodium and the trace elements copper, manganese, zinc and boron in soils in calcium chloride/DTPA extract	x			4/1A-007 4/1A-036 4/2A-021

4.5.6 Determination of residues and contaminants using liquid chromatography with mass-selective detectors (MS, MS/MS detector) in soils, fertilisers, sewage sludge, sludge, compost, secondary raw material fertilisers and waste

Code	Title	Category ***	Category *	Category **	LUFA-Nord-West AA
ASU L 00.00-115; 2018-10 (mod.) Adoption/Adaptation of the Test Procedure: 2026-03-31	Analysis of foodstuffs – Multi-method for the determination of pesticide residues by GC and LC following acetonitrile extraction/partitioning and purification by dispersive SPE in plant-based foods – Modular QuEChERS method (Adoption of the standard of the same name DIN EN 15662, July 2018)	x	x	x	4/1C-036
DIN 38414-14; 2011-08 Adoption/Adaptation of the Test Procedure: 2014-05-21	German standard methods for the analysis of water, wastewater and sludge – Sludge and sediments (Group S) – Part 14: Determination of selected polyfluorinated compounds (PFCs) in sludge, compost and soil – Method using high-performance liquid chromatography and mass spectrometric detection (HPLC-MS/MS) (S 14)	x	x	x	4/1C-045

4.5.6 Determination of residues and contaminants using liquid chromatography with mass-selective detectors (MS, MS/MS detector) in soils, fertilisers, sewage sludge, sludge, compost, secondary raw material fertilisers and waste

Code	Title	Category ***	Category *	Category **	LUFA-Nord-West AA
LUFA Nord-West 4/1C-052; 2024-09 (QuPPe) Adoption/Adaptation of the Test Procedure: 2024-09-23	Analysis of highly polar pesticide residues in solid and liquid matrices using LC-MS/MS	x	x	x	4/1C-052
LUFA Nord-West 4/1C-059; 2022-05 Adoption/Adaptation of the Test Procedure: 2022-05-24	Determination of herbicides from the pyridine carboxylic acid group (aminopyralid/clopyralid/picloram/fluroxypyr)	x	x	x	4/1C-059
VDLUFA VII, 3.3.2.6; 2011 Adoption/Adaptation of the Test Procedure: 2014-05-21	Determination of perfluorooctanoic acid (PFOA) and perfluorooctane sulfonic acid (PFOS) as marker substances for perfluorinated chemicals (PFCs) in sewage sludge and compost using liquid chromatography and mass spectrometric detection	x	x	x	4/1C-045
VDLUFA VII, 3.3.7.2; 2014 Adoption/Adaptation of the Test Procedure: 2024-10-01	Determination of active substances in plant protection products in soil using gas and liquid chromatographic methods and mass spectrometric detection	x	x	x	4/1C-036

4.5.7 Determination of residues and contaminants using gas chromatography with mass-selective detectors (MS, MS/MS detectors) in soils, fertilisers, sewage sludge, sludge, compost, secondary raw material fertilisers, waste and articles made from plant material

Code	Title	Category ***	Category *	Category **	LUFA-Nord-West AA
ASU L 00.00-115; 2018-10 (mod.) Adoption/Adaptation of the Test Procedure: 2026-03-31	Analysis of foodstuffs – Multi-method for the determination of pesticide residues by GC and LC following acetonitrile extraction/partitioning and purification by dispersive SPE in plant-based foodstuffs – Modular QuEChERS method (adoption of the standard of the same name DIN EN 15662, July 2018)	x	x	x	4/1C-036
DIN 38414-24; 2000-10 Adoption/Adaptation of the Test Procedure: 2014-05-21	German standard methods for the analysis of water, wastewater and sludge – Sludge and sediments (Group S) – Part 24: Determination of polychlorinated dibenzodioxins (PCDD) and polychlorinated dibenzofurans (PCDF) (S 24)	x	x	x	4/1C-014
DIN EN 16167; 2012-11 Adoption/Adaptation of the Test Procedure: 2018-03-28	Sludge, treated biowaste and soil – Determination of polychlorinated biphenyls (PCBs) by gas chromatography with mass spectrometric detection (GC-MS) and gas chromatography with electron capture detection (GC-ECD)	x	x	x	4/1C-012
DIN EN 16190; 2019-10 Adoption/Adaptation of the Test Procedure: 2024-06-07	Soil, treated biowaste and sludge – determination of dioxins and furans as well as dioxin-like polychlorinated biphenyls using gas chromatography and high-resolution mass spectrometric detection (HR GC-MS)	x	x	x	4/1C-014
DIN EN 17322; 2021-03 Adoption/Adaptation of the Test Procedure: 2025-09-30	Solid materials in the environment – Determination of polychlorinated biphenyls (PCBs) by gas chromatography and mass spectrometric detection (GC-MS) or electron capture detection (GC-ECD); German version of EN 17322:2020	x	x	x	4/1C-012
DIN ISO 18287; 2006-05 Adoption/Adaptation of the Test Procedure: 2015-02-06	Soil quality — Determination of polycyclic aromatic hydrocarbons (PAHs) — Gas chromatographic method with detection by mass spectrometry (GC-MS) (ISO 18287:2006)	x	x	x	4/1C-013
DIN ISO 23646; 2023-09 Adoption/Adaptation of the Test Procedure: 2025-09-30	Soil quality – Determination of organochlorine pesticides by gas chromatography with mass-selective detection (GC-MS) and gas chromatography with electron capture detection (GC-ECD) (ISO 23646:2022)	x	x	x	4/1C-012
LUFA Nord-West 4/1C-043; 2025-08 Adoption/Adaptation of the Test Procedure: 2025-08-26	Determination of diethylhexyl phthalate in sewage sludge, soil and fertilisers using GC-MSD analysis	x	x	x	4/1C-043
VDLUFA VII, 3.3.2.3; 2011 Adoption/Adaptation of the Test Procedure: 2014-05-21	Determination of polychlorinated dibenzo-p-dioxins (PCDD) and polychlorinated dibenzofurans (PCDF) as well as selected -coplanar polychlorinated biphenyls (non-ortho-PCBs) in soils, sewage sludge and compost	x	x	x	4/1C-014
VDLUFA VII, 3.3.3.1; 2011 Adoption/Adaptation of the Test Procedure: 2025-04-10	Determination of polycyclic aromatic hydrocarbons (PAHs) in soils, sewage sludge and compost	x	x	x	4/1C-013
VDLUFA VII, 3.3.6.1; 2011 Adoption/Adaptation of the Test Procedure: 2014-05-21	Determination of phenols in soils, sewage sludge, compost, plant material, water and wastewater using gas chromatography and mass spectrometric detection	x	x	x	4/1C-029
VDLUFA VII, 3.3.7.2; 2014 Adoption/Adaptation of the Test Procedure: 2023-04-12	Determination of active ingredients in plant protection products in soil using gas and liquid chromatography methods and mass spectrometric detection	x	x	x	4/1C-036

4.5.8 Further chromatographic methods (GC, HPLC)

Code	Title	Category ***	Category *	Category **	LUFA-Nord-West AA
DIN EN ISO 16703; 2011-09 Adoption/Adaptation of the Test Procedure: 2023-04-21	Soil properties − Gas chromatographic determination of the content of hydrocarbons from C_{10} to C_{40} (ISO 16703:2004); German version of EN ISO 16703:2011	x			4/1C-009
VDLUFA II.1, 3.9.2; 1995 Adoption/Adaptation of the Test Procedure: 2024-03-08	Determination of biuret in urea – HPLC method	x			4/1C-054 4/1C-055

4.5.9 Further procedures

Code	Title	Category ***	Category *	Category **	LUFA-Nord-West AA
DIN EN 15936; 2022-09 Adoption/Adaptation of the Test Procedure: 2025-12-11	Soil, waste, treated biowaste and sludge – determination of total organic carbon (TOC) by dry combustion	x			4/2B-017 4/2B-037
DIN EN 16168; 2012-11 Adoption/Adaptation of the Test Procedure: 2019-09-06	Sludge, treated biowaste and soil – Determination of total nitrogen content by dry combustion; German version of EN 16168:2012	x			4/2B-017
VDLUFA I, A 4.1.3.2; 2016 Adoption/Adaptation of the Test Procedure: 2024-02-21	Determination of organic carbon by combustion at 550°C and gas analysis	x			4/2B-017 4/2B-037
VDLUFA II.1, 3.5.2.7; 2019 Adoption/Adaptation of the Test Procedure: 2014-05-21	Determination of total nitrogen – combustion method	x			4/2B-017

4.6 Analysis of selected animal feed and foods, and other biological materials from agriculture and horticulture

4.6.1 Sample preparation

Code	Title	Category ***	Category *	Category **	LUFA-Nord-West AA
ASU L 00.00-19/1; 2015-06 / DIN EN 13805;2014-12 Adoption/Adaptation of the Test Procedure: 2022-06-23	Analysis of foodstuffs – Determination of trace elements in foodstuffs – Pressure digestion (Adoption of the standard of the same name DIN EN 13805, December 2014 edition)	x			4/2A-002
VDLUFA VII, 2.1.3; 2011 (Mikrowellendruckaufschluss) Adoption/Adaptation of the Test Procedure: 2014-05-21	Microwave-assisted pressure digestion	x			4/2A-002

4.6.2 Gravimetric analysis of other biological materials from agriculture and horticulture

Code	Title	Category ***	Category *	Category **	LUFA-Nord-West AA
VDLUFA III, 3.1; 1976 (mod.) Adoption/Adaptation of the Test Procedure: 2024-02-21	Determination of moisture content (matrix: crops and plants)	x			4/1D-001

4.6.3 Determination of elements using inductively coupled plasma atomic emission spectrometry (ICP-OES) in foods and other biological materials from agriculture and horticulture

Code	Title	Category ***	Category *	Category **	LUFA-Nord-West AA

4.6.3 Determination of elements using inductively coupled plasma atomic emission spectrometry (ICP-OES) in foods and other biological materials from agriculture and horticulture

Code	Title	Category ***	Category *	Category **	LUFA-Nord-West AA
ASU F 0096; 2019-06 / DIN EN 15621; 2017-10 (mod.) Adoption/Adaptation of the Test Procedure: 2024-05-22	Analysis of animal feed – Determination of calcium, sodium, phosphorus, magnesium, potassium, sulphur, iron, zinc, copper, manganese and cobalt in animal feed following pressure digestion using ICP-AES (Adoption of the standard of the same name DIN EN 15621, October 2017 edition) *Modification: Measurement of additional elements Al, B; Matrix: other biological materials from agriculture and horticulture*	x	x		4/2A-002 4/2A-022
ASU L 00.00-144; 2019-07 / DIN EN 16943; 2017-07 Adoption/Adaptation of the Test Procedure: 2024-02-19	Food analysis – Determination of calcium, copper, iron, magnesium, manganese, phosphorus, potassium, sodium, sulphur and zinc in foodstuffs using ICP-OES (Adoption of the standard of the same name, DIN EN 16943, July 2017)	x	x		4/2A-059
ASU L 00.00-158; 2020-11 / DIN EN 17265; 2019-11 Adoption/Adaptation of the Test Procedure: 2024-02-19	Analysis of foodstuffs – Determination of aluminium in foodstuffs by inductively coupled plasma optical emission spectrometry (ICP-OES) (Adoption of the standard DIN EN 17265, November 2019)	x	x		4/2A-059

4.6.4 Determination of elements using inductively coupled plasma mass spectrometry (ICP-MS) in animal feed, foods and other biological materials from agriculture and horticulture

Code	Title	Category ***	Category *	Category **	LUFA-Nord-West AA
ASU F 0108; 2019-06 / DIN EN 17053; 2018-03 (mod.) Adoption/Adaptation of the Test Procedure: 2024-02-19	Analysis of feed – Determination of trace elements, heavy metals and other elements in feed using ICP-MS (multi-method) (Adoption of the standard of the same name, DIN EN 17053, March 2018 edition) *Modification: Measurement of additional elements Cr, Ni, Sb, Sn, U; Matrix: other biological materials from agriculture and horticulture*	x	x		4/2A-002 4/2A-008
ASU L 00.00-128; 2011-01 / DIN EN 15765; 2010-04 Adoption/Adaptation of the Test Procedure: 2024-02-19	Analysis of foodstuffs – Determination of tin in foodstuffs by inductively coupled plasma mass spectrometry (ICP-MS) following pressure digestion (Adoption of the standard of the same name DIN EN 15765, April 2010 edition)	x	x		4/2A-002 4/2A-060
ASU L 00.00-135; 2011-01 / DIN EN 15763; 2010-04 Adoption/Adaptation of the Test Procedure: 2024-02-19	Analysis of foodstuffs – Determination of arsenic, cadmium, mercury and lead in foodstuffs by ICP-MS following pressure digestion (Adoption of the standard of the same name DIN EN 15763, April 2010 edition) *Modification: Measurement of additional elements: Cr, Ni, Sb, Mo, Co, Se, U and no measurement of Hg*	x	x		4/2A-060
DIN EN 15111; 2007-06 Adoption/Adaptation of the Test Procedure: 2014-05-21	Foodstuffs — Determination of trace elements — Determination of iodine by ICP-MS (inductively coupled plasma mass spectrometry); German version of EN 15111:2007	x	x		4/2A-043
VDLUFA VII, 2.2.2.3; 2011 Adoption/Adaptation of the Test Procedure: 2019-02-28	Determination of the content of extractable iodine in feed using inductively coupled plasma and mass spectrometry (ICP-MS)	x	x		4/2A-039

4.6.5 Determination of mercury using atomic emission spectrometry (AAS) in foods and other biological materials from agriculture and horticulture

Code	Title	Category ***	Category *	Category **	LUFA-Nord-West AA
ASU F 0089; 2013-04 / DIN EN 16277; 2012-09 (mod.) Adoption/Adaptation of the Test Procedure: 2024-02-19	Analysis of animal feed – Determination of mercury in animal feed using cold vapour atomic absorption spectrometry (CVAAS) following microwave pressure digestion (extraction with 65% nitric acid and 30% hydrogen peroxide) (Adoption of the standard of the same name DIN EN 16277, September 2012 edition) *Modification: other biological materials from agriculture and horticulture*	x	x		4/2A-002 4/2A-014
ASU L 00.00-19/4; 2021-07 / DIN EN 13806; 2002-11 Adoption/Adaptation of the Test Procedure: 2023-03-02	Analysis of foodstuffs – Determination of trace elements in foodstuffs – Part 4: Determination of total mercury in foodstuffs by atomic absorption spectrometry (AAS) cold vapour technique following pressure digestion (Update of the European standard DIN EN 13806:2002-11 by the BVL working group on 'Elemental Analysis' for the implementation of Section 64 of the German Food Code (LFGB))	x	x		4/2A-014

4.6.6 Determination of residues and contaminants in feed and food using liquid chromatography with mass-selective detectors (MS, MS/MS detector)

Code	Title	Category ***	Category *	Category **	LUFA-Nord-West AA
ASU L 00.00-115; 2018-10 Adoption/Adaptation of the Test Procedure: 2024-10-01	Food analysis – Multi-method for the determination of pesticide residues by GC and LC following acetonitrile extraction/partitioning and purification by dispersive SPE in plant-based foods – Modular QuEChERS method (Adoption of the standard of the same name DIN EN 15662, July 2018)	x	x	x	4/1C-036
FDA LIB No. 4421 U.S.; 2008-10 Adoption/Adaptation of the Test Procedure: 2018-02-12	Determination of Melamine and Cyanuric Acid Residues in Infant Formula using LC-MS/MS	x	x	x	4/1C-060
FDA LIB No. 4422 U.S.; 2008-10 Adoption/Adaptation of the Test Procedure: 2014-05-21	Interim Method for the Determination of Melamine and Cyanuric Acid Residues in Foods using LC-MS/MS	x	x	x	4/1C-060
LUFA Nord-West 4/1C-049; 2025-03 Adoption/Adaptation of the Test Procedure: 2025-03-20	Determination of mycotoxins in food and feed using LC-MS/MS	x	x	x	4/1C-049
LUFA Nord-West 4/1C-052; 2024-09 (QuPPe) Adoption/Adaptation of the Test Procedure: 2024-09-23	Analysis of highly polar pesticide residues in solid and liquid matrices using LC-MS/MS	x	x	x	4/1C-052
LUFA Nord-West 4/1C-059; 2022-05 Adoption/Adaptation of the Test Procedure: 2022-05-24	Determination of herbicides from the pyridine carboxylic acid group (aminopyralid/clopyralid/picloram/fluroxypyr)	x	x	x	4/1C-059
VDLUFA VII, 3.3.2.5; 2011 Adoption/Adaptation of the Test Procedure: 2014-05-21	Determination of perfluorooctanoic acid (PFOA) and perfluorooctane sulfonic acid (PFOS) as marker substances for perfluorinated chemicals (PFCs) in animal feed using liquid chromatography and mass spectrometric detection	x	x	x	4/1C-045

4.6.7 Determination of residues and contaminants in feed and food using gas chromatography with mass-selective detectors (MS, MS/MS detectors)

Code	Title	Category ***	Category *	Category **	LUFA-Nord-West AA
ASU L 00.00-115; 2018-10 Adoption/Adaptation of the Test Procedure: 2019-09-27	Food analysis – Multi-method for the determination of pesticide residues by GC and LC following acetonitrile extraction/partitioning and purification by dispersive SPE in plant-based foods – Modular QuEChERS method (adoption of the standard of the same name DIN EN 15662, July 2018)	x	x		4/1C-036
VDLUFA VII, 3.3.2.2; 2016 Adoption/Adaptation of the Test Procedure: 2024-09-04	Determination of chlorinated hydrocarbons (CHCs), selected individual components of polychlorinated biphenyls (PCBs) and toxaphene in feed using capillary gas chromatography	x	x		4/1C-072
VDLUFA VII, 3.3.2.4; 2011 Adoption/Adaptation of the Test Procedure: 2014-05-21	Determination of polychlorinated dibenzo-p-dioxins (PCDD) and polychlorinated dibenzofurans (PCDF) as well as selected coplanar polychlorinated biphenyls (non-ortho-PCB) in animal feed	x	x		4/1C-024
VDLUFA VII, 3.3.3.2; 2011 Adoption/Adaptation of the Test Procedure: 2014-05-21	Determination of polycyclic aromatic hydrocarbons (PAHs) in plant material	x	x		4/1C-013

4.6.8 Determination of residues and contaminants in feed and food using gas chromatography with conventional detectors (ECD detector)

4.6.9 Photometric analyses of foods, animal feed and consumer goods

Code	Title	Category ***	Category *	Category **	LUFA-Nord-West AA
ASU L 00.00-49/1; 1999-11 Adoption/Adaptation of the Test Procedure: 2024-02-29	Analysis of foodstuffs - Low-fat foodstuffs - Determination of dithiocarbamate and thiuram disulphide residues - Part 1: Spectrophotometric method (Adoption of the standard of the same name DIN EN 12396 Part 1, December 1998 edition)	x			4/1C-028 4/1C-056
ASU L 26.00-2; 2001-07 Adoption/Adaptation of the Test Procedure: 2014-05-21	Analysis of foodstuffs – Continuous flow method for the determination of nitrate content in vegetable products following cadmium reduction (Adoption of the standard of the same name DIN EN 12014-7, August 1998 edition)	x			4/1A-027 4/1C-037

4.7 Varietal analysis of crops using electrophoresis

Code	Title	Category ***	Category *	Category **	LUFA-Nord-West AA
LUFA Nord-West 4/1E-002; 2026-03 Adoption/Adaptation of the Test Procedure: 2026-03-17	Variety identification of potatoes by electrophoresis of potato proteins	x	x	x	4/1E-002