

List of all testing methods carried out within the scope of accreditation

Flexibility legend	Category 1 (*) :	incl. category 3 + free choice of standard or equivalent test methods
	Category 2 (**) :	incl. categories 3 and 1 + modification, development and refinement of testing methods
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Partial certificate / chapter	Flexibility	Status	Method	Issue	Title of the method	Modification
D-PL-14082-01-01					Sensory, physical, physico-chemical, chemical, microbiological, molecular biological and immunological analysis of food and feed; Microbiological, molecular biological and immunological analysis of surrounding samples, fitment and utensils in food and feed areas	
D-PL-14082-01-01 / 1					Analysis of food and feed	
D-PL-14082-01-01 / 1.1	Category 2				Sensory analysis of food and feed by simple descriptive tests **	
D-PL-14082-01-01 / 1.1	Category 2	Stock	DIN ISO 22935-2	: 2025-04 (mod.)	Milk and milk products – Sensory analysis – Part 2: Recommended methods for sensory evaluation	extension to matrix food
D-PL-14082-01-01 / 1.1	Category 2	Stock	DIN ISO 22935-3	: 2025-04 (mod.)	Milk and milk products – Sensory analysis – Part 3: Guidance on a method for evaluation of compliance with product specifications for sensory properties by scoring	extension to matrix food
D-PL-14082-01-01 / 1.1	Category 2	Stock	DIN 10964	: 2014-11	Sensory analysis – Simple descriptive test	no coding of samples
D-PL-14082-01-01 / 1.2					Physical, physico-chemical, chemical analysis of food and feed	
D-PL-14082-01-01 / 1.2.1	Category 3				Sample preparation and sample pretreatment	
D-PL-14082-01-01 / 1.2.1	Category 3	Stock	DIN EN 12393-2	: 2014-03	Foods of plant origin - Multiresidue methods for the determination of pesticide residues by GC or LC-MS/MS - Part 2: Methods for extraction and cleanup; German version EN 12393-2:2013	extension to matrix animal food and feed
D-PL-14082-01-01 / 1.2.1	Category 3	Stock	DIN EN 13805	: 2014-12	Foodstuffs - Determination of trace elements - Pressure digestion; German version EN 13805:2014	
D-PL-14082-01-01 / 1.2.1	Category 3	Flexible	DGF C-VI 11a	: 2016 (mod.)	Representation of fatty acid methyl esters (boron trifluoride method)	also used in milk fats (without C4/C6), use of the original sample without fat extraction with adapted reaction conditions, n-heptane instead of isooctane, no pre-annealing of Na ₂ SO ₄
D-PL-14082-01-01 / 1.2.2	Category 3				Determination of parameters by physical, physico-chemical and chemical methods	
D-PL-14082-01-01 / 1.2.2	Category 3	Stock	DIN 10311	: 1985-08	Determination of the water dispersion in butter; indicator paper method	
D-PL-14082-01-01 / 1.2.2	Category 3	Stock	DIN 10331	: 1996-03	Determination of the hardness of butter	
D-PL-14082-01-01 / 1.2.2	Category 3	Flexible	VDLUFA III, 25.1	: 2012	Determination of net energy lactation (estimation method); gas formation according to Hohenheim feed value test	
D-PL-14082-01-01 / 1.2.2	Category 3	Stock	VDLUFA VI, C 12.2	: 2003	Milk and dairy products, determination of density with the pycnometer	
D-PL-14082-01-01 / 1.2.2	Category 3	Stock	VDLUFA VI, C 26.4	: 1995	Milk and milk products, determination of bulk density	
D-PL-14082-01-01 / 1.2.2	Category 3	Stock	OIML R87	: 2016	Quantity of product in prepackages	
D-PL-14082-01-01 / 1.2.3	Category 2				Determination of parameters and ingredients by gravimetry in food and feed **	
D-PL-14082-01-01 / 1.2.3	Category 2	Flexible	ISO 5984	: 2022-04	Animal feeding stuffs - Determination of crude ash	
D-PL-14082-01-01 / 1.2.3	Category 2	Flexible	ISO 5985	: 2002-11	Animal feeding stuffs - Determination of ash insoluble in hydrochloric acid	
D-PL-14082-01-01 / 1.2.3	Category 2	Flexible	ISO 6492	: 1999-08	Animal feeding stuffs - Determination of fat content	
D-PL-14082-01-01 / 1.2.3	Category 2	Stock	ISO 6496	: 1999-08 (mod.)	Animal feeding stuffs - Determination of moisture and other volatile matter content	single determination
D-PL-14082-01-01 / 1.2.3	Category 2	Flexible	ISO 6865	: 2000-10	Animal feeding stuffs - Determination of crude fibre content - Method with intermediate fibrillation	
D-PL-14082-01-01 / 1.2.3	Category 2	Stock	ISO 16472	: 2006-04	Animal feeding stuffs - Determination of amylase-treated neutral detergent fibre content (aNDF)	
D-PL-14082-01-01 / 1.2.3	Category 2	Flexible	DIN EN ISO 712	: 2010-04	Cereals and cereal products - Determination of moisture content - Reference method (ISO 712:2009); German version EN ISO 712:2009	
D-PL-14082-01-01 / 1.2.3	Category 2	Flexible	DIN EN ISO 3727-1	: 2002-04 (mod.)	Butter - Determination of moisture, non-fat solids and fat contents - Part 1: Determination of moisture content (Reference method) (ISO 3727-1:2001); German version EN ISO 3727-1:2001	drying time 4h
D-PL-14082-01-01 / 1.2.3	Category 2	Stock	DIN EN ISO 13906	: 2008-11	Animal feeding stuffs - Determination of acid detergent fibre (ADF) and acid detergent lignin (ADL) contents; German version EN ISO 13906:2008	
D-PL-14082-01-01 / 1.2.3	Category 2	Stock	ASU L 00.00-18:1997-01 Berichtigung	: 2017-10	Analysis of foodstuffs - Determination of dietary fiber in food	
D-PL-14082-01-01 / 1.2.3	Category 2	Stock	ASU L 06.00-3	: 2014-08 (mod.)	Analysis of foodstuffs - Determination of the water content in meat and meat products - Gravimetric method - Reference method	extension to matrix food
D-PL-14082-01-01 / 1.2.3	Category 2	Flexible	ASU L 06.00-4	: 2017-10 (mod.)	Analysis of foodstuffs - Determination of ash in meat, meat products and sausage products - Gravimetric method (reference method)	extension to matrix food
D-PL-14082-01-01 / 1.2.3	Category 2	Stock	ASU L 06.00-6	: 2014-08 (mod.)	Analysis of foodstuffs - Determination of the total fat content in meat and meat products - Gravimetric method according to Weibull-Stoldt - Reference method	extension to matrix food
D-PL-14082-01-01 / 1.2.3	Category 2	Flexible	ASU L 16.01-1	: 2008-12	Analysis of foodstuffs - Determination of moisture content in cereal flour	
D-PL-14082-01-01 / 1.2.3	Category 2	Flexible	ASU L 16.01-2	: 2008-12	Analysis of foodstuffs - Determination of ash in cereal flour	
D-PL-14082-01-01 / 1.2.3	Category 2	Stock	ASU L 17.00-1:1982-05, Berichtigung	: 2002-12 (mod.)	Determination of the drying loss in bread including rolls of bread dough	no pre-drying, drying time 4h, extension to matrix food

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Partial certificate / chapter	Flexibility	Status	Method	Issue	Title of the method	Modification
D-PL-14082-01-01 / 1.2.3	Category 2	Stock	ASU L 17.00-3:1982-05 Berichtigung	: 2002-12	(mod.) Determination of the ash content in bread including rolls of bread dough	extension to matrix food
D-PL-14082-01-01 / 1.2.3	Category 2	Stock	ASU L 17.00-4	: 2017-10	(mod.) Analysis of foodstuffs - Determination of the total fat content in bread including rolls of bread dough after acid digestion by means of extraction and gravimetry	extension to matrix dry food
D-PL-14082-01-01 / 1.2.3	Category 2	Flexible	Dänemark, PD meddelelse FO 08/06	: 2008-06	Determination of EFOS Svin (pig feed)	
D-PL-14082-01-01 / 1.2.3	Category 2	Flexible	Dänemark, PD meddelelse FO 08/06	: 2008-06	Determination of EFOS I	
D-PL-14082-01-01 / 1.2.3	Category 2	Flexible	Dänemark, PD meddelelse FO 19/05	: 2019-05	Determination of EFOS kvaeg in cattle feed	
D-PL-14082-01-01 / 1.2.3	Category 2	Flexible	UNECE DDP Annex I	: 2020-12	Standard Layout for UNECE Standards on dry and dried produce - Annex I Determination of the moisture content for dried produce	
D-PL-14082-01-01 / 1.2.3	Category 2	Flexible	UNECE DDP Annex II	: 2020-12	Standard Layout for UNECE Standards on dry and dried produce - Annex II Determination of the moisture content for dry produce	
D-PL-14082-01-01 / 1.2.3	Category 2	Flexible	VDLUF A III, 10.6.5	: 1988	Determination of total phosphorus Gravimetric method	
D-PL-14082-01-01 / 1.2.3	Category 2	Stock	VDLUF A VI, C 10.2	: 2000	(mod.) Determination of total ash	ashing time 10h
D-PL-14082-01-01 / 1.2.3	Category 2	Flexible	VDLUF A VI, C 15.2.1	: 2020-01	Determination of the fat content of milk and milk products - Röse-Gottlieb method	
D-PL-14082-01-01 / 1.2.3	Category 2	Flexible	VDLUF A VI, C 15.2.2	: 2020-01	Determination of the fat content of cheese and processed cheese - method according to Schmid-Bondzynski-Ratzlaff	
D-PL-14082-01-01 / 1.2.3	Category 2	Flexible	VDLUF A VI, C 15.2.3	: 2020-01	Determination of the fat content of milk and milk products - Weibull-Stoldt method	
D-PL-14082-01-01 / 1.2.3	Category 2	Flexible	VDLUF A VI, C 15.2.4	: 1995	Determination of free fat in fat-containing dried milk products	
D-PL-14082-01-01 / 1.2.3	Category 2	Stock	VDLUF A VI, C 35.3	: 2020	(mod.) Dry matter (water content); sea sand method	drying time 4h
D-PL-14082-01-01 / 1.2.3	Category 2	Flexible	VDLUF A VI, C 35.6	: 1985-01	Determination of the water content of dried milk products	
D-PL-14082-01-01 / 1.2.3	Category 2	Flexible	VDLUF A VI, C 35.8	: 1985-01	Determination of the water content of butter - rapid method	
D-PL-14082-01-01 / 1.2.3	Category 2	Flexible	VDLUF A VI, C 35.9	: 1988	Determination of the fat-free dry matter of butter	
D-PL-14082-01-01 / 1.2.3	Category 2	Flexible	CODEX STAN 70	: 1981	(mod.) Codex Standard for Canned Tuna And Bonito	extended to products in sauce
D-PL-14082-01-01 / 1.2.3	Category 2	Stock	CODEX STAN 92	: 1981	Codex Standard for Quick Frozen Shrimps or Prawns	
D-PL-14082-01-01 / 1.2.3	Category 2	Flexible	CODEX STAN 165	: 1989	(mod.) Standard for Quick Frozen Blocks of Fish Filets, Minced Fish Flesh and Mixtures	extended to glazed seafood
D-PL-14082-01-01 / 1.2.4	Category 2				Determination of parameters and ingredients by titrimetry in food and feed **	
D-PL-14082-01-01 / 1.2.4	Category 2	Flexible	ASU L 00.00-46/1	: 1999-11	Analysis of foodstuffs - Determination of sulphite in food - Part 1: Optimized Monier-Williams method	
D-PL-14082-01-01 / 1.2.4	Category 2	Flexible	ASU L 01.00-10/1	: 2016-03	Analysis of foodstuffs - Determination of the nitrogen content in milk and milk products - Part 1: Kjeldahl method and calculation of the crude protein content	
D-PL-14082-01-01 / 1.2.4	Category 2	Stock	ASU L 06.00-7	: 2014-08	(mod.) Analysis of foodstuffs - Determination of the crude protein content in meat and meat products - Titrimetric method according to Kjeldahl - Reference method	extension to matrix food
D-PL-14082-01-01 / 1.2.4	Category 2	Flexible	ASU L 07.00-5/1	: 2010-01	Analysis of foodstuffs - Determination of the salt content (sodium chloride) in meat products - Potentiometric endpoint determination	
D-PL-14082-01-01 / 1.2.4	Category 2	Stock	ASU L 13.00-37	: 2018-06	Analysis of foodstuffs - animal and vegetable fats and oils - determination of the peroxide number - iodometric (visual) endpoint determination	
D-PL-14082-01-01 / 1.2.4	Category 2	Stock	ASU L 17.00-6:1988-12, Berichtigung	: 2009-06	(mod.) Analysis of foodstuffs; Determination of chloride for the calculation of table salt in bread including rolls of bread dough	extension to matrix food
D-PL-14082-01-01 / 1.2.4	Category 2	Stock	ASU L 17.00-15	: 2013-08	(mod.) Analysis of foodstuffs - Determination of the crude protein content in bread including rolls of bread dough - Kjeldahl method	extension to matrix food
D-PL-14082-01-01 / 1.2.4	Category 2	Flexible	ASU L 26.04-4	: 1987-06	Analysis of foodstuffs; Determination of the titratable acids (total acid) in the infusion liquid or press brine of sauerkraut	
D-PL-14082-01-01 / 1.2.4	Category 2	Flexible	ASU L 31.00-3 (withdrawn)	: 1997-09	Analysis of foodstuffs - Determination of titratable acidity of fruit and vegetable juices	
D-PL-14082-01-01 / 1.2.4	Category 2	Flexible	ASU L 46.02-1	: 2013-08	(mod.) Analysis of foodstuffs - Determination of the water content in roasted coffee according to Karl Fischer; Reference method	extraction of the coffee in the titration vessel
D-PL-14082-01-01 / 1.2.4	Category 2	Flexible	ASU L 52.04-2	: 1987-06	Analysis of foodstuffs; Determination of the titratable acids (total acid) in vinegar, with the exception of wine vinegar	
D-PL-14082-01-01 / 1.2.4	Category 2	Flexible	DIN EN ISO 5943	: 2007-01	Cheese and processed cheese products - Determination of chloride content - Potentiometric titration method (ISO 5943:2006); German version EN ISO 5943:2006	
D-PL-14082-01-01 / 1.2.4	Category 2	Flexible	DIN EN ISO 8534	: 2017-05	Animal and vegetable fats and oils - Determination of water content - Karl Fischer method (pyridine free) (ISO 8534:2017); German version EN ISO 8534:2017	
D-PL-14082-01-01 / 1.2.4	Category 2	Flexible	ISO 5983-2	: 2009-06	Animal feeding stuffs - Determination of nitrogen content and calculation of crude protein content - Part 2: Block digestion and steam distillation method	

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D-PL-14082-01-01 / 1.2.4	Category 2	Flexible	VDLUFa III, 4.2.1	: 1976	Determination of ferment soluble crude protein	
D-PL-14082-01-01 / 1.2.4	Category 2	Flexible	VDLUFa III, 5.2.1	: 1976 (mod.)	Determination of free fatty acids	fat extraction by cold ether extraction
D-PL-14082-01-01 / 1.2.4	Category 2	Stock	VDLUFa III, 7.2.6	: 2012	Determination of the acidity of milk and liquid dairy products	
D-PL-14082-01-01 / 1.2.4	Category 2	Stock	VDLUFa VI, C 8.3	: 2000	Determination of the titratable acidity of dried milk products	
D-PL-14082-01-01 / 1.2.4	Category 2	Flexible	VDLUFa VI, C 8.4	: 2000	Bestimmung der titrierbaren Säure von getrockneten Milchprodukten	
D-PL-14082-01-01 / 1.2.5	Category 2				Determination of ingredients and additives by photometry in food and feed **	
D-PL-14082-01-01 / 1.2.5	Category 2	Stock	DIN EN 12014-3	: 2005-08 (mod.)	Foodstuffs - Determination of nitrate and/or nitrite content - Part 3: Spectrometric determination of nitrate and nitrite content of meat products after enzymatic reduction of nitrate to nitrite; German version EN 12014-3:2005	extension to matrix food and feedm of animal origin, clarification of sample extracts by centrifugation/filtration
D-PL-14082-01-01 / 1.2.5	Category 2	Flexible	DIN EN ISO 30024	: 2009-11	Animal feeding stuffs - Determination of phytase activity (ISO 30024:2009); German version EN ISO 30024:2009	
D-PL-14082-01-01 / 1.2.5	Category 2	Stock	ASU L 00.00-94	: 2006-09	Analysis of foodstuffs- Determination of inulin in food - Enzymatic method	
D-PL-14082-01-01 / 1.2.5	Category 2	Stock	ASU L 17.00-7:1983-11, Berichtigung	: 2002-12	Analysis of foodstuffs - Determination of L-glutamic acid (L-glutamate) in meat products - Enzymatic method	
D-PL-14082-01-01 / 1.2.5	Category 2	Flexible	ASU L 07.00-17	: 2017-10 (mod.)	Determination of lactose in bread including rolls of bread dough	extension to matrix food
D-PL-14082-01-01 / 1.2.5	Category 2	Flexible	Thermo Testkit L-Glutamic acid (Ref-Nr. 984 636)	: 2020-05	Photometric determination of L-Glutamic acid in homogenous liquid samples	
D-PL-14082-01-01 / 1.2.5	Category 2	Stock	VDLUFa III, 12.3.1	: 1988 (mod.)	Determination of added and natural carotenoids in animal feed	extension to matrix dietary supplements for lutein
D-PL-14082-01-01 / 1.2.5	Category 2	Stock	VDLUFa III, 13.6.1	: 1983 (mod.)	Determination of choline chloride	determination from the aqueous extract
D-PL-14082-01-01 / 1.2.5	Category 2	Flexible	VDLUFa III, 27.1.3	: 2012	Preparation of mineral feeds and premixes for the determination of phytase activity	
D-PL-14082-01-01 / 1.2.5	Category 2	Flexible	VDLUFa III, 27.1.4	: 2016	Processing of feed additives for the determination of phytase activity	
D-PL-14082-01-01 / 1.2.5	Category 2	Flexible	VDLUFa VI, C 8.6	: 1993	Enzymatic determination of the D(-)- and L(+)-lactic acid or D(-)- and L(+)-lactate content	
D-PL-14082-01-01 / 1.2.5	Category 2	Flexible	VDLUFa VI, C 20.2.3	: 1985-01	Enzymatic determination of the lactose and galactose content of milk and milk products	
D-PL-14082-01-01 / 1.2.6	Category 1				Determination of ingredients by polarimetry in food and feed *	
D-PL-14082-01-01 / 1.2.6	Category 1	Stock	ASU L 17.00-5	: 2003-12	Analysis of foodstuffs - Determination of the starch content in bread including rolls of bread dough	
D-PL-14082-01-01 / 1.2.7	Category 1				Determination of parameters and ingredients by electrode measurement in food and feed *	
D-PL-14082-01-01 / 1.2.7	Category 1	Flexible	ISO 18787	: 2017-11	Foodstuffs - Determination of water activity	
D-PL-14082-01-01 / 1.2.7	Category 1	Stock	DIN EN 16279	: 2012-09	Animal feeding stuffs - Determination of fluoride content after hydrochloric acid treatment by ion-sensitive electrode method (ISE); German version EN 16279:2012	
D-PL-14082-01-01 / 1.2.7	Category 1	Stock	ASU L 06.00-2	: 1980-09	Measurement of the pH-value in meat and meat products	
D-PL-14082-01-01 / 1.2.7	Category 1	Stock	ASU L 26.04-3	: 1987-06	Analysis of foodstuffs: Measurement of the pH value in the infusion liquid or press brine of sauerkraut	
D-PL-14082-01-01 / 1.2.7	Category 1	Stock	ASU L 26.11.03-3	: 1983-05	Determination of the pH-value of tomato concentrate	
D-PL-14082-01-01 / 1.2.7	Category 1	Stock	ASU L 49.00-7	: 2000-07 (mod.)	Analysis of foodstuffs - Determination of fluoride in dietetic food with the ion-sensitive electrode	extension to matrix food
D-PL-14082-01-01 / 1.2.7	Category 1	Stock	VDLUFa VI, C 8.2	: 2000	Acidity; pH value in milk and dairy products	
D-PL-14082-01-01 / 1.2.7	Category 1	Stock	VDLUFa III, 18.1	: 1976 (mod.)	Silage, determination of pH value	extension to matrix feed
D-PL-14082-01-01 / 1.2.8	Category 3				Determination of ingredients in food and feed by combustion in food and feed	
D-PL-14082-01-01 / 1.2.8	Category 3	Stock	DIN EN ISO 16634-1	: 2009-07 (mod.)	Food products - Determination of the total nitrogen content by combustion according to the Dumas principle and calculation of the crude protein content - Part 1: Oilseeds and animal feeding stuffs	use of argon as carrier gas
D-PL-14082-01-01 / 1.2.9	Category 1				Determination of elements by inductively coupled plasma optical emission spectrometry (ICP-OES) in food and feed *	
D-PL-14082-01-01 / 1.2.9	Category 1	Stock	DIN EN 15621	: 2017-10 (mod.)	Animal feeding stuffs - Methods of sampling and analysis - Determination of calcium, sodium, phosphorus, magnesium, potassium, sulphur, iron, zinc, copper, manganese and cobalt after pressure digestion by ICP-AES; German version EN 15621:2017	extension for boron, reduction of the method for cobalt, digestion of premixes with aqua regia in the Odlab system
D-PL-14082-01-01 / 1.2.9	Category 1	Stock	DIN EN 16943	: 2017-07 (mod.)	Foodstuffs - Determination of calcium, copper, iron, magnesium, manganese, phosphorus, potassium, sodium, sulfur and zinc by ICP-OES; German version EN 16943:2017	digestion of premixes with aqua regia in the Odlab system, no use of hydrochloric acid for standard production
D-PL-14082-01-01 / 1.2.10	Category 1				Determination of elements by inductively coupled plasma mass spectrometry (ICP-MS) in food and feed *	
D-PL-14082-01-01 / 1.2.10	Category 1	Stock	DIN EN 15111	: 2007-06	Foodstuffs - Determination of trace elements - Determination of iodine by ICP-MS (inductively coupled plasma mass spectrometry); German version EN 15111:2007	
D-PL-14082-01-01 / 1.2.10	Category 1	Stock	DIN EN 15763	: 2010-04 (mod.)	Foodstuffs - Determination of trace elements - Determination of arsenic, cadmium, mercury and lead in foodstuffs by inductively coupled plasma mass spectrometry (ICP-MS) after pressure digestion; German version EN 15763:2009	extension for the following elements: Al, Co, Cr, Mo, Ni, Sb, Se, Sn, Ti, U, V, Cu, Mn, reduction of the method for Hg
D-PL-14082-01-01 / 1.2.10	Category 1	Stock	DIN EN 16802	: 2016-07	Foodstuffs - Determination of elements and their chemical species - Determination of inorganic arsenic in foodstuffs of marine and plant origin by anion-exchange HPLC-ICP-MS; German version EN 16802:2016	

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D-PL-14082-01-01 / 1.2.10	Category 1	Stock	DIN EN 17050	: 2017-11	Animal feeding stuffs - Methods of sampling and analysis - Determination of iodine in animal feed by ICP-MS; German version EN 17050:2017	
D-PL-14082-01-01 / 1.2.10	Category 1	Stock	DIN EN 17053	: 2018-03 (mod.)	Animal feeding stuffs - Methods of sampling and analysis - Determination of trace elements, heavy metals and other elements in feed by ICP-MS (multi-method); German version EN 17053:2018	extension for Al, Cr, Ni, Sb, Sn and V, reduction of the method for Hg
D-PL-14082-01-01 / 1.2.10	Category 1	Flexible	DIN EN 17374	: 2020-09	Animal feeding stuffs: Methods of sampling and analysis - Determination of inorganic arsenic in animal feed by anion-exchange HPLC-ICP-MS; German version EN 17374:2020	
D-PL-14082-01-01 / 1.2.11	Category 1				Determination of elements by atomic absorption spectrometry (KD-AAS) in food and feed *	
D-PL-14082-01-01 / 1.2.11	Category 1	Stock	DIN EN 13806	: 2002-11	Foodstuffs - Determination of trace elements - Determination of mercury by cold-vapour atomic absorption spectrometry (CVAAS) after pressure digestion; German version EN 13806:2002	
D-PL-14082-01-01 / 1.2.11	Category 1	Stock	DIN EN 16277	: 2012-09 (mod.)	Animal feeding stuffs - Determination of mercury by cold-vapour atomic absorption spectrometry (CVAAS) after microwave pressure digestion (extraction with 65 % nitric acid and 30 % hydrogen peroxide); German version EN 16277:2012	without hydrogen peroxide
D-PL-14082-01-01 / 1.2.12	Category 3				Determination of nitrate by ion chromatographic (IC) in food	
D-PL-14082-01-01 / 1.2.12	Category 3	Stock	DIN EN 12014-2	: 2018-02 (mod.)	Foodstuffs - Determination of nitrate and/or nitrite content - Part 2: HPLC/IC method for the determination of nitrate content of vegetables and vegetable products; German version EN 12014-2:2017	extraction at 70°C
D-PL-14082-01-01 / 1.2.13	Category 2				Determination of ingredients, additives and residues of pharmacological substances by liquid chromatographic (LC) with conventional detectors (DAD, ELSD, FLD, ELCD) in food and feed **	
D-PL-14082-01-01 / 1.2.13	Category 2	Stock	DIN EN ISO 9167	: 2020-03 (mod.)	Rapeseed and rapeseed meals - Determination of glucosinolates content - Method using high-performance liquid chromatography (ISO 9167:2019); German version EN ISO 9167:2019	extraction with 70% methanol
D-PL-14082-01-01 / 1.2.13	Category 2	Stock	DIN EN 12821	: 2009-08 (mod.)	Foodstuffs – Determination of vitamin D by high performance liquid chromatography – Measurement of cholecalciferol (D3) or ergocalciferol (D2); German version EN 12821:2009	saponification without addition of Na2S, single extraction of a defined aliquot of the saponification mixture in 15 ml petroleum spirit, optional sample grinding
D-PL-14082-01-01 / 1.2.13	Category 2	Stock	DIN EN 12822	: 2014-08 (mod.)	Foodstuffs - Determination of vitamin E by high performance liquid chromatography - Measurement of α -, β -, γ - and δ -tocopherols; German version EN 12822:2014	extension to matrix feed, single extraction of a defined aliquot of the saponification preparation in 15 ml petroleum spirit/diethyl ether (80:20)
D-PL-14082-01-01 / 1.2.13	Category 2	Stock	DIN EN 12823-2	: 2000-07 (mod.)	Foodstuffs - Determination of vitamin A by high performance liquid chromatography - Part 2: Measurement of β -carotene; German version EN 12823-2:2000	extension to matrix feed, single extraction
D-PL-14082-01-01 / 1.2.13	Category 2	Stock	DIN EN 14122	: 2014-08 (mod.)	Foodstuffs - Determination of vitamin B1 by high performance liquid chromatography; German version EN 14122:2014	extension to matrix feed, autoclaving time shortened
D-PL-14082-01-01 / 1.2.13	Category 2	Stock	DIN EN 14152	: 2014-08 (mod.)	Foodstuffs - Determination of vitamin B2 by high performance liquid chromatography; German version EN 14152:2014	extension to matrix feed, autoclaving time shortened
D-PL-14082-01-01 / 1.2.13	Category 2	Stock	DIN EN 14663	: 2006-03 (mod.)	Foodstuffs - Determination of vitamin B6 (including its glycosylated forms) by HPLC; German version EN 14663:2005	extension to matrix feed, autoclaving time shortened
D-PL-14082-01-01 / 1.2.13	Category 2	Stock	DIN EN 15086	: 2006-06 (mod.)	Foodstuffs - Determination of isomalt, lactitol, maltitol, mannitol, sorbitol and xylitol in foodstuffs; German version EN 15086:2006	use of a light scattering detector (ELSD), use of a HILIC HPLC column, no determination of isomalt
D-PL-14082-01-01 / 1.2.13	Category 2	Stock	DIN 10758:1997-05 Berichtigung	: 2018-09 (mod.)	Analysis of honey - Determination of the content of saccharides fructose, glucose, saccharose, turanose and maltose - HPLC method	extension to matrix food and feed; use of a light scattering detector (ELSD), use of a HILIC HPLC column, no determination of turanose, extension of the method for lactose
D-PL-14082-01-01 / 1.2.13	Category 2	Stock	AOAC 999.12	: 2003	Taurine in pet food	
D-PL-14082-01-01 / 1.2.13	Category 2	Flexible	ASU L 18.00-16	: 1999-11 (mod.)	Analysis of foodstuffs - Determination of Theobromine and Caffeine in Fine Baked Goods	extension to matrix food and matrix feed, extraction with MeOH/H2O mixture at elevated temperature
D-PL-14082-01-01 / 1.2.13	Category 2	Flexible	VDLUFA III, 4.11.4	: 1993 (mod.)	Determination of DL-2-hydroxy-4-methyl-mercapto-butyric acid after hydrolysis (total MHA)	Use of a C18 column
D-PL-14082-01-01 / 1.2.13	Category 2	Stock	VDLUFA III, 13.8.1	: 1997 (mod.)	Determination of vitamin D3 in feed; HPLC method	saponification without addition of Na2S, single extraction of a defined aliquot of the saponification mixture in 15 ml petroleum spirit, optional sample grinding
D-PL-14082-01-01 / 1.2.13	Category 2	Flexible	VDLUFA III, 13.9.1	: 2006 (mod.)	Feed - Determination of B vitamins including nicotinic acid; HPLC method	extension matrix food; additional determination of riboflavin-5'-phosphate; no determination of nicotinic acid; analysis of vitamin B1, B2, B6 up to 100mg/100g in mineral-poor matrices by means of hot extraction
D-PL-14082-01-01 / 1.2.13	Category 2	Stock	VDLUFA III, 14.22.1	: 2006 (mod.)	Determination of monensin sodium (HPLC method)	extension to the determination of lasalocid, narasin and maduramycin
D-PL-14082-01-01 / 1.2.13	Category 2		VDLUFA III, 14.23.1	: 2006	Determination of Salinomycin sodium (HPLC method)	

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Partial certificate / chapter	Flexibility	Status	Method	Issue	Title of the method	Modification
D-PL-14082-01-01 / 1.2.13	Category 2	Flexible	MP-00191-DE	: 2022-03	Determination of vitamin K3 (menadione) in feed, HPLC method	
D-PL-14082-01-01 / 1.2.13	Category 2	Flexible	MP-00192-DE	: 2022-03	Determination of vitamin K1 (phyloquinone) in food and feed, HPLC method with post-column reduction	
D-PL-14082-01-01 / 1.2.13	Category 2	Stock	MP-00240-DE	: 2022-08	Determination of taurine in selected foods and beverages by HPLC	
D-PL-14082-01-01 / 1.2.13	Category 2	Flexible	MP-01373-DE	: 2022-03	Determination of vitamin E acetate in concentrates of feed and food, HPLC method	
D-PL-14082-01-01 / 1.2.13	Category 2	Stock	MP-02570-DE	: 2021-12	Determination of tocopherol isomer mixtures as pure substance, HPLC method	
D-PL-14082-01-01 / 1.2.14	Category 2				Determination of ingredients, pesticide residues, residues of pharmacological substances and organic contaminants by liquid chromatography (LC) with mass-selective detection (MS/MS) in food and feed **	
D-PL-14082-01-01 / 1.2.14	Category 2	Flexible	EN 15662	: 2018-05 (mod.)	Foods of plant origin - Multimethod for the determination of pesticide residues using GC- and LC-based analysis following acetonitrile extraction/partitioning and clean-up by dispersive SPE - Modular QuEChERS-method	extension to matrix animal food and feed, 2g sample weight for samples with low water content
D-PL-14082-01-01 / 1.2.14	Category 2	Stock	DIN EN 15055	: 2006-08 (mod.)	Non fatty foods - Determination of chlormequat and mepiquat - LC-MS/MS method; German version EN 15055:2006	extension to matrix food and feed, 60 min shaking extraction
D-PL-14082-01-01 / 1.2.14	Category 2	Flexible	ASU L 15.01/02-5	: 2012-01 (mod.)	Analysis of foodstuffs - Determination of ergot alkaloids in rye and wheat - HPLC method with cleaning on a basic aluminum oxide solid phase	extension to matrix cereals and cereal products, no purification of extracts, measurement by LC-MS/MS
D-PL-14082-01-01 / 1.2.14	Category 2	Flexible	MP-02089-DE	: 2022-08	Determination of Aflatoxin M1 in milk and milk products by LC-MSMS	
D-PL-14082-01-01 / 1.2.15	Category 2				Determination of ingredients and pesticide residues by gas chromatographic (GC) with conventional detectors (FID, ECD, FPD) in food and feed **	
D-PL-14082-01-01 / 1.2.15	Category 2	Flexible	ISO 15885 IDF 184	: 2002-11 (mod.)	Milk fat - Determination of the fatty acid composition by gas-liquid chromatography	without drying oven or nitrogen treatment, result correction by response factor, fat extraction for cheese by ammonia method
D-PL-14082-01-01 / 1.2.15	Category 2	Stock	DIN EN 12393-3	: 2014-01 (mod.)	Foods of plant origin - Multiresidue methods for the determination of pesticide residues by GC or LC-MS/MS - Part 3: Determination and confirmatory tests; German version EN 12393-3:2013	extension to matrix food and feed
D-PL-14082-01-01 / 1.2.15	Category 2	Flexible	ASU L 05.00-16	: 2014-08 (mod.)	Analysis of foodstuffs - Determination of the cholesterol content in eggs and egg products - Gas chromatographic method	extension to matrix food, saponification at 60°C for 60 min
D-PL-14082-01-01 / 1.2.15	Category 2	Flexible	DGF C-VI 10a	: 2016 (mod.)	Fatty acid composition - Analysis of fatty acids and fatty acid composition by gaschromatography	also used in milk fats (without C4/C6), verification of GC-FID response behaviour with certified reference standard
<i>D-PL-14082-01-01 / 1.2.15</i>	<i>Category 2</i>	<i>Flexible</i>	<i>MP-03458-DE</i>	<i>: 2024-04</i>	<i>Determination of mineral oil hydrocarbons (MOSH, MOAH) in food and feed by LC-GC-FID</i>	
D-PL-14082-01-01 / 1.2.16	Category 2				Determination of pesticide residues and contaminants by gas chromatographic (GC) with mass selective detectors (MS, MS/MS, HRMS) in food and feed **	
D-PL-14082-01-01 / 1.2.16	Category 2	Flexible	EN 15662	: 2018-05 (mod.)	Foods of plant origin - Multimethod for the determination of pesticide residues using GC- and LC-based analysis following acetonitrile extraction/partitioning and clean-up by dispersive SPE - Modular QuEChERS-method	extension to matrix animal food and feed, 2g sample weight for samples with low water content
D-PL-14082-01-01 / 1.2.16	Category 2	Stock	DIN EN 13191-2	: 2000-10 (mod.)	Non-fatty foods - Determination of bromide residues - Part 2: Determination of inorganic bromide; German version EN 13191-2:2000	measurement by means of GC-MS
D-PL-14082-01-01 / 1.2.16	Category 2	Stock	DIN EN 12393-3	: 2014-01 (mod.)	Foods of plant origin - Multiresidue methods for the determination of pesticide residues by GC or LC-MS/MS - Part 3: Determination and confirmatory tests; German version EN 12393-3:2013	extension to matrix food and feed
D-PL-14082-01-01 / 1.2.16	Category 2	Stock	DIN EN 12396-2	: 1998-12 (mod.)	Non-fatty foods - Determination of dithiocarbamate and thiuram disulfide residues - Part 2: Gas chromatographic method; German version EN 12396-2:1998	measurement by GC-MS, extension to matrix low-fat feed, lower sample weight

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D-PL-14082-01-01 / 1.2.16	Category 2	Flexible	DIN EN 16215	: 2020-05 (mod.)	Animal feeding stuffs: Methods of sampling and analysis - Determination of dioxins and dioxin-like PCBs by GC/HRMS and of indicator PCBs by GC/HRMS; German version EN 16215:2020	Extension to matrix food; measurement with GC-MS/MS, screening via silica-H ₂ SO ₄ and Alox column; exchange sequence Alox/carbon column; one-point calibration and annual linearity check
D-PL-14082-01-01 / 1.2.16	Category 2	Stock	VDLUF A VII, 3.3.3.2	: 2011 (mod.)	Determination of polycyclic aromatic hydrocarbons (PAH) in plant material	extension to matrix food and matrix feed; measurement by using GC-MS/MS; changed composition of extraction solvent; no cleaning on silica gel and Sephadex
D-PL-14082-01-01 / 1.3	Microbiological analysis of food and feed					
D-PL-14082-01-01 / 1.3.1	Category 1	Sample preparation and sample pretreatment by dilution of food and feed *				
D-PL-14082-01-01 / 1.3.1	Category 1	Stock	DIN EN ISO 6887-2	: 2017-07	Microbiology of the food chain - Preparation of test samples, initial suspension and decimal dilutions for microbiological examination - Part 2: Specific rules for the preparation of meat and meat products (ISO 6887-2:2017); German version EN ISO 6887-2:2017	
D-PL-14082-01-01 / 1.3.1	Category 1	Flexible	DIN EN ISO 6887-5	: 2020-08	Microbiology of the food chain – Preparation of test samples, initial suspension and decimal dilutions for microbiological examination – Part 5: Specific rules for the preparation of milk and milk products (ISO 6887-5:2020); German version EN ISO 6887-5:2020	
D-PL-14082-01-01 / 1.3.2	Category 2	Determination of vitamins by microbiological test systems in food and feed **				
D-PL-14082-01-01 / 1.3.2	Category 2	Stock	DIN EN 14131	: 2003-09 (mod.)	Foodstuffs - Determination of folate by microbiological assay; German version EN 14131:2003	adaptation of the enzyme treatment process step; extension to matrix feed, additional determination of free folate
D-PL-14082-01-01 / 1.3.2	Category 2	Stock	USP 21 Methode 88	: 1986 (mod.)	Biological Tests and Assays – Biotin Assay (determination of the microbiological activity of biotin)	hydrolytic release of bound biotin
D-PL-14082-01-01 / 1.3.2	Category 2	Stock	USP 34 Methode 441	: 2011 (mod.)	Niacin or Niacinamide Assay (determination of the microbiological activity of niacin and niacinamide)	extraction with HCl in steam pot
D-PL-14082-01-01 / 1.3.2	Category 2	Stock	USP 39 Methode 91	: 2016 (mod.)	Biological Tests and Assays - Calcium Pantothenate Assay (determination of calcium D-pantothenate)	fermentative release of bound pantothenic acid
D-PL-14082-01-01 / 1.3.2	Category 2	Flexible	USP 39 Methode 171	: 2016 (mod.)	Biological Test and Assays - Vitamin B12 Activity Assay (determination of the microbiological activity of vitamin B12)	the concentration of sodium disulphite in the extraction solution is not adjusted to the sample weight
D-PL-14082-01-01 / 1.3.3	Category 2	Qualitative and quantitative detection of bacteria, yeasts and moulds by cultural microbiological methods in food and feed **				
D-PL-14082-01-01 / 1.3.3	Category 2	Flexible	bioMérieux BACARA® 2, Certificate AES 10/10-07/10	: 2022-06	Enumeration of presumptive <i>Bacillus cereus</i> (validated alternative method)	
D-PL-14082-01-01 / 1.3.3	Category 2	Flexible	BIO-RAD RAPID/Enterobacteriaceae®, BRD 07/24-11/13	: 2021-10	Enumeration of Enterobacteriaceae in all human food, feed and environmental samples (validated alternativ method; reference method NF EN ISO 21528-2:2017)	
D-PL-14082-01-01 / 1.3.3	Category 2	Stock	ISO 4831	: 2006-08	Microbiology of food and animal feeding stuffs - Horizontal method for the detection and enumeration of coliforms - Most probable number technique	
D-PL-14082-01-01 / 1.3.3	Category 2	Stock	ISO 4832	: 2006-02	Microbiology of food and animal feeding stuffs - Horizontal method for the enumeration of coliforms - Colony-count technique	
D-PL-14082-01-01 / 1.3.3	Category 2	Stock	ISO 6579-1	: 2017-02	Microbiology of the food chain - Horizontal method for the detection, enumeration and serotyping of <i>Salmonella</i> - Part 1: Detection of <i>Salmonella</i> spp.	
D-PL-14082-01-01 / 1.3.3	Category 2	Stock	ISO 6611	: 2004-10 (mod.)	Milk and milk products - Enumeration of colony-forming units of yeasts and/or moulds - Colony-count technique at 25 °C	extension to matrix bakery products, tea, spices, dried fruits
D-PL-14082-01-01 / 1.3.3	Category 2	Stock	ISO 7251	: 2005-02	Microbiology of food and animal feeding stuffs - Horizontal method for the detection and enumeration of presumptive <i>Escherichia coli</i> - Most probable number technique	
D-PL-14082-01-01 / 1.3.3	Category 2	Stock	ISO 10272-2	: 2017-06	Microbiology of the food chain - Horizontal method for detection and enumeration of <i>Campylobacter</i> spp. - Part 2: Colony-count technique	
D-PL-14082-01-01 / 1.3.3	Category 2	Stock	ISO 15213	: 2003-05	Microbiology of food and animal feeding stuffs - Horizontal method for the enumeration of sulfite-reducing bacteria growing under anaerobic conditions	
D-PL-14082-01-01 / 1.3.3	Category 2	Stock	ISO 15214	: 1998-08	Microbiology of food and animal feeding stuffs - Horizontal method for the enumeration of mesophilic lactic acid bacteria - Colony-count technique at 30 °C	
D-PL-14082-01-01 / 1.3.3	Category 2	Stock	ISO 21527-1	: 2008-07	Microbiology of food and animal feeding stuffs - Horizontal method for the enumeration of yeasts and moulds - Part 1: Colony count technique in products with water activity greater than 0,95	
D-PL-14082-01-01 / 1.3.3	Category 2	Stock	ISO 21527-2	: 2008-07	Microbiology of food and animal feeding stuffs - Horizontal method for the enumeration of yeasts and moulds - Part 2: Colony count technique in products with water activity less than or equal to 0,95	
D-PL-14082-01-01 / 1.3.3	Category 2	Stock	ISO 21528-1	: 2017-06	Microbiology of the food chain - Horizontal method for the detection and enumeration of Enterobacteriaceae - Part 1: Detection of Enterobacteriaceae	
D-PL-14082-01-01 / 1.3.3	Category 2	Stock	ISO 21871	: 2006-01 (mod.)	Microbiology of the food chain - Horizontal method for the detection and enumeration of Enterobacteriaceae - Part 2: Colony-count technique	instead of MYP agar, BACARA agar is used for confirmation
D-PL-14082-01-01 / 1.3.3	Category 2	Stock	DIN EN ISO 4833-1	: 2013-12 (mod.)	Microbiology of the food chain - Horizontal method for the enumeration of microorganisms - Part 1: Colony-count at 30 degrees C by the pour plate technique (ISO 4833-1:2013); German version EN ISO 4833-1:2013	for enumeration of thermophilic microorganisms: incubation at 55°C
D-PL-14082-01-01 / 1.3.3	Category 2	Flexible	DIN EN ISO 4833-1	: 2022-05	Microbiology of the food chain - Horizontal method for the enumeration of microorganisms - Part 1: Colony count at 30 °C by the pour plate technique (ISO 4833-1:2013 + Amd 1:2022); German version EN ISO 4833-1:2013 + A1:2022	
D-PL-14082-01-01 / 1.3.3	Category 2	Stock	DIN EN ISO 4833-2	: 2022-05	Microbiology of the food chain - Horizontal method for the enumeration of microorganisms - Part 2: Colony count at 30 °C by the surface plating technique (ISO 4833-2:2013 + Cor. 1:2014 + Amd 1:2022); German version EN ISO 4833-2:2013 + AC:2014 + A1:2022	
D-PL-14082-01-01 / 1.3.3	Category 2	Stock	DIN EN ISO 6888-1	: 2022-06	Microbiology of the food chain – Horizontal method for the enumeration of coagulase-positive staphylococci (<i>Staphylococcus aureus</i> and other species) – Part 1: Method using Baird-Parker agar medium (ISO 6888-1:2021)	
D-PL-14082-01-01 / 1.3.3	Category 2	Stock	DIN EN ISO 6888-3	: 2005-07 (mod.)	Microbiology of food and animal feeding stuffs - Horizontal method for the enumeration of coagulase-positive staphylococci (<i>Staphylococcus aureus</i> and other species) - Part 3: Detection and MPN technique for low numbers (ISO 6888-3:2003); German version EN ISO 6888-3:2003 + AC:2005	confirmation of coagulase reaction with Baird Parker rabbit plasma fibrinogen agar
D-PL-14082-01-01 / 1.3.3	Category 2	Stock	DIN EN ISO 7937	: 2004-11	Microbiology of food and animal feeding stuffs - Horizontal method for the enumeration of <i>Clostridium perfringens</i> - Colony-count technique (ISO 7937:2004); German version EN ISO 7937:2004	
D-PL-14082-01-01 / 1.3.3	Category 2	Stock	DIN EN ISO 13720	: 2010-12	Meat and meat products - Enumeration of presumptive <i>Pseudomonas</i> spp. (ISO 13720:2010); German version EN ISO 13720:2010	
D-PL-14082-01-01 / 1.3.3	Category 2	Stock	DIN EN ISO 16649-3	: 2018-01	Microbiology of the food chain - Horizontal method for the enumeration of β-glucuronidase positive <i>Escherichia coli</i> - Part 3: Detection and most probable number technique using 5-bromo-4-chloro-3-indolyl-β-D-glucuronide (ISO 16649-3:2015, Corrected version 2016-12-15); German version EN ISO 16649-3:2015	

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D-PL-14082-01-01 / 1.3.3	Category 2	Stock	DIN EN ISO 21528-2	: 2019-05 (mod.)	Microbiology of the food chain - Horizontal method for the detection and enumeration of Enterobacteriaceae - Part 2: Colony-count technique	confirmation of culture-typical colonies using MALDI-ToF
D-PL-14082-01-01 / 1.3.3	Category 2	Stock	DIN ISO 16649-2	: 2020-12	Microbiology of food and animal feeding stuffs - Horizontal method for the enumeration of β -glucuronidase-positive Escherichia coli - Part 2: Colony-count technique at 44 °C using 5-bromo-4-chloro-3-indolyl β -D-glucuronide (ISO 16649-2:2001)	
D-PL-14082-01-01 / 1.3.3	Category 2	Stock	VDLUFA III, 28.1.2	: 2012	Process instruction for the identification of bacteria, yeasts, moulds and black fungus	
D-PL-14082-01-01 / 1.3.3	Category 2	Stock	VDLUFA III, 28.1.3	: 2012	Procedural instructions for the identification of bacteria, yeasts, moulds and black sooty mould as product-typical or spoilage-indicating indicator germs	
D-PL-14082-01-01 / 1.3.3	Category 2	Stock	VDLUFA VI, M 7.8.2	: 1993	Determination of enterococci; colony counting method with kanamycin-esculin-acid agar	
D-PL-14082-01-01 / 1.3.3	Category 2	Stock	VDLUFA VI, M 7.12.2	: 1993	Determination of pseudomonads: Colony counting method with C-F-C selective agar	
D-PL-14082-01-01 / 1.3.3	Category 2	Stock	VDLUFA VI, M 7.13	: 1996	Determination of thermophilic (thermoresistant) microorganisms	
D-PL-14082-01-01 / 1.3.3	Category 2	Stock	VDLUFA VI, M 7.17.2	: 1993 (mod.)	Determination of spores of aerobic spore formers (Bacillus)	extension to matrix food, using Plate Count Agar (PCA)
D-PL-14082-01-01 / 1.3.3	Category 2	Stock	VDLUFA VI, M 7.18.2.1	: 1996 (mod.)	Detection of anaerobic spore formers (Clostridium)	extension to matrix food and feed additives
D-PL-14082-01-01 / 1.3.3	Category 2	Stock	ICUMSA GS2/3-41	: 2011 (mod.)	The Determination of the Total Mesophilic Bacterial Count in Refined Sugar Products by the Pour Plate Method or the Membrane Filtration Method	use of buffered peptone water for the initial dilution; analysis in the single preparation; increased counting limit per plate, no membrane filtration
D-PL-14082-01-01 / 1.3.3	Category 2	Stock	ICUMSA GS2/3-47	: 2015 (mod.)	The Determination of Yeasts and Moulds in Refined Sugar Products by the Pour Plate Method or the Membrane Filter Method	use of buffered peptone water for the initial dilution; analysis in the single preparation; increased counting limit per plate no membrane filtration, no low germ contents <10 CFU/g
D-PL-14082-01-01 / 1.3.3	Category 2	Flexible	Nordisk Metodikkommitté for Livsmedel NMKL No. 44, 6.ed	: 2004	Coliform bacteria. Determination in foods and feeds	
D-PL-14082-01-01 / 1.3.3	Category 2	Stock	Nordisk Metodikkommitté for Livsmedel. NMKL No. 71, 5. Ed.	: 1999 (mod.)	Salmonella. Detection in foods	extension to matrix feed, confirmation using MALDI-TOF, extension to environmental controls
D-PL-14082-01-01 / 1.3.3	Category 2	Stock	Nordisk Metodikkommitté for Livsmedel. NMKL No. 86, 5. Ed.	: 2013 (mod.)	Aerobic microorganisms. Determination in foods at 37°C, 30°C, 25°C, 20°C, 17/7°C or 6.5°C by the colony count method	extension to matrix feed
D-PL-14082-01-01 / 1.3.3	Category 2	Flexible	Nordisk Metodikkommitté for Livsmedel NMKL No. 98, 4.ed	: 2005	Mould and yeasts. Determination in foods and feed	
D-PL-14082-01-01 / 1.3.3	Category 2	Flexible	Nordisk Metodikkommitté for Livsmedel NMKL No. 144, 3.ed	: 2005	Enterobacteriaceae. Determination in foods and feeds.	
D-PL-14082-01-01 / 1.3.3	Category 2	Stock	MP-00109-DE	: 2023-01	Enumeration of aerobic, mesophilic spore-formers and Bacillus spp. in feeding stuffs	
D-PL-14082-01-01 / 1.3.3	Category 2		corresponds to:			
D-PL-14082-01-01 / 1.3.3	Category 2		BIO-RAD RAPID® Sakazaki®, BRD 07/22-05/12	: 2020-04	Cultural detection method of Cronobacter spp (validated alternativ method; reference method NF EN ISO 22964, 2017-06)	
D-PL-14082-01-01 / 1.3.3	Category 2		corresponds to:			
D-PL-14082-01-01 / 1.3.3	Category 2	Stock	MP-02642-DE	: 2023-01	Enumeration of Pseudomonas spp. and Aeromonas spp. in ready to eat meals, fishery products and environmental controls	
D-PL-14082-01-01 / 1.3.4	Category 2				Identification and typing of bacteria by MALDI-TOF in food and feed **	
D-PL-14082-01-01 / 1.3.4	Category 2	Stock	AOAC 2017.10	: 2017	Confirmation and identification of Listeria monocytogenes, Listeria species and other gram-positive organisms	
D-PL-14082-01-01 / 1.3.4	Category 2	Stock	MP-01115-DE	: 2023-01	Identifizierung von Bakterien mittels MALDI-ToF	
D-PL-14082-01-01 / 1.3.5	Category 3				Detection of antimicrobial substances by microbiological test systems	
D-PL-14082-01-01 / 1.3.5	Category 3	Stock	DSM Food Specialities B. V. Delvotest® T 28/02-02/12	: 2014-12	Standard diffusion test for the detection of antibacterial substances in milk	

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D-PL-14082-01-01 / 1.4					Molecular biological analysis of food and feed	
D-PL-14082-01-01 / 1.4.1					Analysis of nucleic acids by real-time PCR	
D-PL-14082-01-01 / 1.4.1.1	Category 2				Detection of bacteria by real-time PCR in food and feed **	
D-PL-14082-01-01 / 1.4.1.1	Category 2	Stock	DIN CEN ISO/TS 13136	: 2013-04	Microbiology of food and animal feed - Real-time polymerase chain reaction (PCR)-based method for the detection of food-borne pathogens - Horizontal method for the detection of Shiga toxin-producing Escherichia coli (STEC) and the determination of O157, O111, O26, O103 and O145 serogroups (ISO/TS 13136:2012); German version CEN ISO/TS 13136:2012	
D-PL-14082-01-01 / 1.4.1.1	Category 2	Stock	ASU L 00.00-98	: 2007-04 (mod.)	Analysis of foodstuffs - Qualitative detection of Salmonella in food - Real-time PCR method	extension to matrix feed
D-PL-14082-01-01 / 1.4.1.2	Category 2				Detection of animal species by real-time PCR in food and feed **	
D-PL-14082-01-01 / 1.4.1.2	Category 2	Stock	EUURL-AP recommended protocol	: 2013-02	Detection of horse DNA using real-time PCR	
D-PL-14082-01-01 / 1.4.1.2	Category 2	Stock	EUURL-AP SOP	: 2021-05	Detection of ruminant DNA in feed using real-time PCR	
D-PL-14082-01-01 / 1.4.1.2	Category 2	Stock	EUURL-AP SOP	: 2021-09	Detection of pig DNA in feed using real-time PCR	
D-PL-14082-01-01 / 1.4.1.2	Category 2	Flexible	EUURL-AP SOP	: 2022-07	Detection of poultry DNA in feed using real-time PCR	
D-PL-14082-01-01 / 1.4.1.2	Category 2	Stock	MP-02679-DE	: 2022-06	Detection of DNA of different fish species in food and feed by real-time PCR	
D-PL-14082-01-01 / 1.4.1.3	Category 2				Detection of allergens and plant species by real-time PCR in food and feed **	
D-PL-14082-01-01 / 1.4.1.3	Category 2	Stock	DIN EN 15634-2	: 2019-12 (mod.)	Foodstuffs - Detection of food allergens by molecular biological methods - Part 2: Celery (Apium graveolens) - Detection of a specific DNA sequence in cooked sausages by real-time PCR; German version EN 15634-2:2019	DNA extraction is performed with the Maxwell RSC machine and the AS1600 kit.
D-PL-14082-01-01 / 1.4.1.3	Category 2	Stock	MP-01541-DE	: 2023-03	Analysis of food and environmental samples for the presence of celery DNA by real-time PCR	
D-PL-14082-01-01 / 1.4.1.3	Category 2	Stock	MP-03136-DE	: 2022-06	Detection of wasabi DNA in food by real-time PCR	
D-PL-14082-01-01 / 1.4.1.3	Category 2	Flexible	MP-03457-DE	: 2023-11	Analysis of food and environmental samples for the presence of mustard DNA by real-time PCR	
D-PL-14082-01-01 / 1.4.1.4	Category 2				Determination of genetically modified plants by real-time PCR in food and feed **	
D-PL-14082-01-01 / 1.4.1.4	Category 2	Stock	ASU G 30.40-17	: 2017-10	Detection of cauliflower mosaic virus DNA (ORF V) in plant material using real-time PCR - element-specific method	
D-PL-14082-01-01 / 1.4.1.4	Category 2	Flexible	ASU L 15.06-3	: 2013-08 (mod.)	Analysis of foodstuffs - detection of genetically modified cry1Ab / Ac and P-ubi - cry-DNA sequences in rice products using real-time PCR - Matrix according to scope also other food and feed element-specific and construct-specific method	
D-PL-14082-01-01 / 1.4.1.4	Category 2	Stock	MP-00212-DE	: 2022-12	Quantification of Roundup Ready Soy (Event 40-3-2) in food and feed by quantitative real-time PCR	
D-PL-14082-01-01 / 1.4.1.4	Category 2	Stock	MP-00214-DE	: 2022-12	Quantification of AZ704-12 soya in food and feed by quantitative real-time PCR	
D-PL-14082-01-01 / 1.4.1.4	Category 2	Stock	MP-00215-DE	: 2022-12	Quantification of RR2Yield soy (Event MON89788) in food and feed by quantitative real-time PCR	
D-PL-14082-01-01 / 1.4.1.4	Category 2	Stock	MP-00223-DE	: 2022-12	Quantification of A5547-127 soya in food and feed by quantitative real-time PCR	
D-PL-14082-01-01 / 1.4.1.4	Category 2	Stock	MP-00250-DE	: 2023-01	Detection of a genetically modified DNA sequence Cry1a(c)-T-NOS (Bt63 rice) in food and feed by real-time PCR	
D-PL-14082-01-01 / 1.4.1.4	Category 2	Stock	MP-00251-DE	: 2023-01	Detection of a genetically modified linseed DNA sequence in food and feed using real-time PCR	
D-PL-14082-01-01 / 1.4.1.4	Category 2	Stock	MP-00881-DE	: 2022-12	Quantification of MON87701 soy in food and feed by quantitative real-time PCR	
D-PL-14082-01-01 / 1.4.1.4	Category 2	Flexible	MP-02431-DE	: 2022-06	Quantification of the soybean GMO event MON87708 in food and feed by real-time PCR	
D-PL-14082-01-01 / 1.4.1.4	Category 2	Flexible	MP-02590-DE	: 2023-01	Quantification of the soybean GMO event CV127 in food and feed by real-time PCR	
D-PL-14082-01-01 / 1.4.1.4	Category 2	Flexible	MP-02591-DE	: 2023-01	Quantification of the soybean GMO event MON87769 in food and feed by real-time PCR	

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Partial certificate / chapter	Flexibility	Status	Method	Issue	Title of the method	Modification
D-PL-14082-01-01 / 1.4.1.4	Category 2	Flexible	MP-03425-DE	: 2023-09	Quantification of the maize GMO event MON87429 in food and feed by real-time PCR	
D-PL-14082-01-01 / 1.4.1.4	Category 2	Flexible	MP-03426-DE	: 2023-09	Quantification of the maize GMO event MON95379 in food and feed by real-time PCR	
D-PL-14082-01-01 / 1.4.1.4	Category 2	Flexible	MP-03427-DE	: 2023-09	Quantification of the oilseed rape GMO event MON94100 in food and feed by real-time PCR	
D-PL-14082-01-01 / 1.4.1.4	Category 2	Flexible	MP-03719-DE	: 2025-03	Quantification of the maize GMO event MON87419 in food and feed by real-time PCR	
D-PL-14082-01-01 / 1.4.1.4	Category 2	Flexible	MP-03720-DE	: 2025-03	Quantification of the maize GMO event DP-023211-2 in food and feed by real-time PCR	
D-PL-14082-01-01 / 1.4.1.4	Category 2	Flexible	MP-03721-DE	: 2025-03	Quantification of the maize GMO event DP-915635-4 in food and feed by real-time PCR	
D-PL-14082-01-01 / 1.4.2					Analysis of nucleic acids by multiplex real-time PCR	
D-PL-14082-01-01 / 1.4.2.1	Category 2				Detection of animal species by multiplex real-time PCR in food and feed **	
D-PL-14082-01-01 / 1.4.2.1	Category 2	Flexible	MP-03456-DE	: 2025-06	Detection of sheep and goat DNA in food and feed using duplex real-time PCR	
D-PL-14082-01-01 / 1.4.2.1	Category 2	Flexible	MP-03455-DE	: 2024-05	Detection of beef and pig DNA in food and feed by duplex real-time PCR	
D-PL-14082-01-01 / 1.4.2.2	Category 2				Determination of genetically modified plants by multiplex real-time PCR in food and feed **	
D-PL-14082-01-01 / 1.4.2.2	Category 2	Stock	ASU L 00.00-122	: 2008-06 (mod.)	Analysis of foodstuffs - Detection of a specific DNA sequence from the cauliflower mosaic virus (CaMV 35S promoter, P35S) and from Agrobacterium tumefaciens (T-nos) in food - screening process	here also feed; qualitative detection, triplex real-time PCR with a PFMV system
D-PL-14082-01-01 / 1.4.2.2	Category 2	Stock	ASU L 00.00-148	: 2014-02 (mod.)	Analysis of foodstuffs - Detection of a DNA sequence of the FMV promoter (pFMV) in food using real-time PCR - element-specific method	here also feed; triplex real-time PCR with a P35S and T-nos system
D-PL-14082-01-01 / 1.4.2.2	Category 2	Stock	ASU L 00.00-154:2014-08, Berichtigung	: 2015-06 (mod.)	Analysis of foodstuffs - Detection of CTP2-CP4-EPSPS, pat and bar sequences in food using triplex real-time PCR - construct-specific and element-specific method	also matrix feed
D-PL-14082-01-01 / 1.4.3	---				Detection of plant variety by gel electrophoresis	
D-PL-14082-01-01 / 1.4.3	---	Stock	MP-01207-DE	: 2022-03	Determination of varietal identity of potatoes	
D-PL-14082-01-01 / 1.4.4	Category 2				Detection of animal species by DNA sequencing in food**	
D-PL-14082-01-01 / 1.4.4	Category 2	Stock	ASU L 10.00-12	: 2021-07	Analysis of foodstuffs - DNA barcoding for fish species identification in fish and fish products using defined mitochondrial cytochrome b and cytochrome c oxidase I gene segments (adoption of DIN CEN/TS 17303, June 2019)	
D-PL-14082-01-01 / 1.4.4	Category 2	Flexible	MP-03298-DE	: 2023-04	Identification of the crustacean species via DNA sequence determination in food and feed raw materials	
D-PL-14082-01-01 / 1.5					Immunological analysis of food and feed	
D-PL-14082-01-01 / 1.5.1	Category 1				Determination of mycotoxins by enzyme immunoassay (ELISA) in food and feed *	
D-PL-14082-01-01 / 1.5.1	Category 1	Flexible	NEOGEN Veratox® for Aflatoxin M1	: 2016-03	Quantitative Determination of Aflatoxin M1 in milk and dairy products	
D-PL-14082-01-01 / 1.5.1	Category 1	Stock	NEOGEN Veratox® HS Quantitative Aflatoxin High Sensitivity Test V-AflaHS-ENSP 1208	: 2017-11	Quantitative Determination of Aflatoxins	
D-PL-14082-01-01 / 1.5.1	Category 1	Stock	NEOGEN Veratox® for DON 5/5 V-DON_5/5_NE_0508	: 2019-07	Quantitative Determination of Deoxynivalenol	
D-PL-14082-01-01 / 1.5.1	Category 1	Stock	NEOGEN Veratox® for Ochratoxin V-Ochra-ES 1214	: 2017-11	Quantitative Determination of Ochratoxine	
D-PL-14082-01-01 / 1.5.1	Category 1	Stock	NEOGEN Veratox® for Zearalenone V-Zear_ES_0115	: 2017-11	Quantitative Determination of Zearalenone	

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Partial certificate / chapter	Flexibility	Status	Method	Issue	Title of the method	Modification
D-PL-14082-01-01 / 1.5.2	Category 1				Determination of allergens by enzyme immunoassay (ELISA) in food and feed *	
D-PL-14082-01-01 / 1.5.2	Category 1	Stock	AgraQuant® Walnut Ref.-Nr. 10002088	: 2019-06	Enzyme immunoassay for quantitative determination of Walnut	
D-PL-14082-01-01 / 1.5.2	Category 1	Flexible	Demeditec Pecan nut ELISA Ref. Nr. DEPECE01	: 2023-06	Enzyme immunoassay for the quantitative determination of Pecan nut in food	
D-PL-14082-01-01 / 1.5.2	Category 1	Stock	r-biopharm RIDASCREEN® FAST β-Lactoglobulin Ref. Nr. R4912	: 2018-04	Quantitative determination of β-lactoglobulin	
D-PL-14082-01-01 / 1.5.2	Category 1	Flexible	r-biopharm RIDASCREEN® FAST Casein Ref. Nr. R4612	: 2022-05	Enzyme immunoassay for the quantitative determination of casein	
D-PL-14082-01-01 / 1.5.2	Category 1	Stock	r-biopharm RIDASCREEN® FAST Hazelnut Ref. Nr. R6802	: 2021-03	Enzyme immunoassay for the quantitative determination of Hazelnut	
D-PL-14082-01-01 / 1.5.2	Category 1	Stock	r-biopharm RIDASCREEN® FAST Lupine Ref. Nr. R6102	: 2018-04	Quantitative determination of sweet lupin proteins	
D-PL-14082-01-01 / 1.5.2	Category 1	Stock	r-biopharm RIDASCREEN® FAST Mandel/Almond Ref. Nr. R6901	: 2019-04	Enzyme immunoassay for the quantitative determination of almond	
D-PL-14082-01-01 / 1.5.2	Category 1	Stock	r-biopharm RIDASCREEN® FAST Milk Ref. Nr. R4652	: 2021-11	Enzyme immunoassay for the quantitative determination of milk protein	
D-PL-14082-01-01 / 1.5.2	Category 1	Stock	r-biopharm RIDASCREEN® Peanut Ref. Nr. R6811	: 2021-12	Enzyme immunoassay for the quantitative determination of peanut or peanut proteins	
D-PL-14082-01-01 / 1.5.2	Category 1	Stock	r-biopharm RIDASCREEN® EASY Mustard Art. Nr. RAE8201	: 2024-04	Quantitative Bestimmung von Senf	
D-PL-14082-01-01 / 1.5.2	Category 1	Stock	r-biopharm RIDASCREEN® FAST Sesame Ref. Nr. R7202	: 2018-04	Quantitative determination of sesame or sesame content	
D-PL-14082-01-01 / 1.5.2	Category 1	Stock	r-biopharm RIDASCREEN® FAST Soya Ref. Nr. R7102	: 2018-04	Quantitative determination of soy proteins	
D-PL-14082-01-01 / 1.5.3	Category 1				Determination of residues of pharmacological substances and hormones by enzyme immunoassay (ELISA) in milk and milk powder *	
D-PL-14082-01-01 / 1.5.3	Category 1	Stock	Randox Beta-Agonist ELISA Ref.-Nr. SU 2148	: 2016-05	Quantitative Determination of β-Agonists	
D-PL-14082-01-01 / 1.5.3	Category 1	Stock	r-biopharm RIDASCREEN® Chloramphenicol Ref.-Nr. R1511	: 2021-02	Enzyme immunoassay for the quantitative determination of chloramphenicol	
D-PL-14082-01-01 / 1.5.3	Category 1	Stock	r-biopharm RIDASCREEN® Streptomycin Ref.-Nr. R3104	: 2018-07	Quantitative determination of streptomycin	
D-PL-14082-01-01 / 1.5.4	Category 3				Identification and typing of bacteria by agglutination	
D-PL-14082-01-01 / 1.5.4	Category 3	Stock	ISO/TR 6579-3	: 2014-07	Microbiology of the food chain - Horizontal method for the detection, enumeration and serotyping of Salmonella - Part 3: Guidelines for serotyping of Salmonella spp.	
D-PL-14082-01-01 / 2					Analysis of surrounding samples, fitment and utensils in food and feed areas	
D-PL-14082-01-01 / 2.1	Category 2				Qualitative and quantitative detection of bacteria, yeasts and moulds by cultural microbiological methods in surrounding samples, fitment and utensils in food and feed areas **	
D-PL-14082-01-01 / 2.1	Category 2	Flexible	BIO-RAD RAPID® Enterobacteriaceae®, BRD 07/24-11/13	: 2021-10	Enumeration of Enterobacteriaceae in all human food, feed and environmental samples (validated alternativ method; reference method NF EN ISO 21528-2:2017)	
D-PL-14082-01-01 / 2.1	Category 2	Stock	ISO 6579-1	: 2017-02	Microbiology of the food chain - Horizontal method for the detection, enumeration and serotyping of Salmonella - Part 1: Detection of Salmonella spp.	
D-PL-14082-01-01 / 2.1	Category 2	Flexible	ISO 10272-2	: 2017-06	Microbiology of the food chain - Horizontal method for detection and enumeration of Campylobacter spp. - Part 2: Colony-count technique	
D-PL-14082-01-01 / 2.1	Category 2	Stock	ISO 21527-1	: 2008-07	Microbiology of food and animal feeding stuffs - Horizontal method for the enumeration of yeasts and moulds - Part 1: Colony count technique in products with water activity greater than 0,95	
D-PL-14082-01-01 / 2.1	Category 2	Stock	ISO 21527-2	: 2008-07	Microbiology of food and animal feeding stuffs - Horizontal method for the enumeration of yeasts and moulds - Part 2: Colony count technique in products with water activity less than or equal to 0,95	

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Partial certificate / chapter	Flexibility	Status	Method	Issue	Title of the method	Modification
D-PL-14082-01-01 / 2.1	Category 2	Flexible	ISO 21528-1	: 2017-06	Microbiology of the food chain - Horizontal method for the detection and enumeration of Enterobacteriaceae - Part 1: Detection of Enterobacteriaceae	
D-PL-14082-01-01 / 2.1	Category 2	Flexible	DIN EN ISO 4833-1	: 2022-05	Microbiology of the food chain - Horizontal method for the enumeration of microorganisms - Part 1: Colony-count at 30 degrees C by the pour plate technique (ISO 4833-1:2013); German version EN ISO 4833-1:2013	
D-PL-14082-01-01 / 2.1	Category 2	Stock	DIN EN ISO 6888-1	: 2022-06	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)	
D-PL-14082-01-01 / 2.1	Category 2	Flexible	DIN EN ISO 6888-3	: 2005-07 (mod.)	Microbiology of food and animal feeding stuffs - Horizontal method for the enumeration of coagulase-positive staphylococci (Staphylococcus aureus and other species) - Part 3: Detection and MPN technique for low numbers (ISO 6888-3:2003); German version EN ISO 6888-3:2003 + AC:2005	Confirmation of coagulase reaction with Baird Parker rabbit plasma fibrinogen agar
D-PL-14082-01-01 / 2.1	Category 2	Stock	DIN EN ISO 21528-2	: 2019-05 (mod.)	Microbiology of the food chain - Horizontal method for the detection and enumeration of Enterobacteriaceae - Part 2: Colony-count technique	Confirmation of culture-typical colonies by MALDI-ToF
D-PL-14082-01-01 / 2.1	Category 2	Flexible	DIN ISO 16649-2	: 2020-12 (mod.)	Mikrobiologie von Lebensmitteln und Futtermitteln - Horizontales Verfahren für die Zählung von β -Glucuronidase-positiven Escherichia coli - matrix extension to surrounding samples	
D-PL-14082-01-01 / 2.1	Category 2	Stock	Nordisk Metodikkommitté för Livsmedel NMKL No. 71, 5. Ed.	: 1999 (mod.)	Salmonella. Detection in foods.	also surrounding samples, fitment and utensils in food and feed areas, confirmation by MALDI-TOF
D-PL-14082-01-01 / 2.1	Category 2	Flexible	MP-00087-DE	: 2021-01	Determination of the surface microbial content with the provided swab systems (Paddle and Rodac)	
D-PL-14082-01-01 / 2.1	Category 2	Stock	corresponds to: MP-02642-DE	: 2023-01	Counting of Pseudomonas spp. and Aeromonas spp. in ready to eat meals, fishery products and environmental controls	
D-PL-14082-01-01 / 2.2	Category 3	Stock	ASU L 00.00-98	: 2007-04 (mod.)	Detection of Salmonella by real-time PCR	
D-PL-14082-01-01 / 2.2	Category 3	Stock			Analysis of foodstuffs - Qualitative detection of Salmonella in food - Real-time PCR method	also surrounding samples, fitment and utensils in food and feed areas
D-PL-14082-01-01 / 2.3	Category 2				Identification and typing of bacteria by MALDI-TOF in surrounding samples, fitment and utensils in food and feed areas **	
D-PL-14082-01-01 / 2.3	Category 2	Stock	AOAC 2017.10	: 2017	Confirmation and identification of Listeria monocytogenes, Listeria species and other gram-positive organisms	
D-PL-14082-01-01 / 2.3	Category 2	Stock	MP-01115-DE	: 2023-01	Identification of bacteria using MALDI-ToF (here: Gram-negative bacteria)	
D-PL-14082-01-01 / 2.4	Category 3	Stock	ISO/TR 6579-3	: 2014-07	Identification and typing of bacteria by agglutination	
D-PL-14082-01-01 / 2.4	Category 3	Stock			Microbiology of the food chain - Horizontal method for the detection, enumeration and serotyping of Salmonella - Part 3: Guidelines for serotyping of Salmonella spp.	
D-PL-14082-01-01 / 2.5	Category 1				Detection of allergens by enzyme immunoassay (ELISA) in surrounding samples, fitment and utensils in food and feed areas *	
D-PL-14082-01-01 / 2.5	Category 1	Stock	AgraQuant® Walnut Ref.-Nr. 10002030	: 2019-06	Enzyme immunoassay for quantitative determination of Walnut	
D-PL-14082-01-01 / 2.5	Category 1	Flexible	Dermedtec Pecan nut ELISA Ref. Nr. DEPECE01	: 2023-06	Enzyme immunoassay for the quantitative determination of Pecan nut in food	
D-PL-14082-01-01 / 2.5	Category 1	Stock	r-biopharm RIDASCREEN® FAST β -Lactoglobulin Ref. Nr. R4912	: 2018-04	Quantitative determination of β -lactoglobulin	
D-PL-14082-01-01 / 2.5	Category 1	Flexible	r-biopharm RIDASCREEN® FAST Casein Ref. Nr. R4612	: 2022-05	Enzyme immunoassay for the quantitative determination of casein	
D-PL-14082-01-01 / 2.5	Category 1	Stock	r-biopharm RIDASCREEN® FAST Hazelnut Ref. Nr. R6802	: 2021-03	Enzyme immunoassay for the quantitative determination of Hazelnut	
D-PL-14082-01-01 / 2.5	Category 1	Stock	r-biopharm RIDASCREEN® FAST Lupine Ref. Nr. R6102	: 2018-04	Quantitative determination of sweet lupin proteins	
D-PL-14082-01-01 / 2.5	Category 1	Stock	r-biopharm RIDASCREEN® FAST Mandel/Almond Ref. Nr. R6901	: 2019-04	Enzyme immunoassay for the quantitative determination of almond	
D-PL-14082-01-01 / 2.5	Category 1	Stock	r-biopharm RIDASCREEN® FAST Milk Ref. Nr. R4652	: 2021-11	Enzyme immunoassay for the quantitative determination of milk protein	
D-PL-14082-01-01 / 2.5	Category 1	Stock	r-biopharm RIDASCREEN® Peanut Ref. Nr. R6811	: 2021-12	Enzyme immunoassay for the quantitative determination of peanut or peanut proteins	
D-PL-14082-01-01 / 2.5	Category 1	Flexibel	r-biopharm RIDASCREEN® EASY Mustard Art. Nr. RAE8201	: 2024-04	Quantitative Bestimmung von Senf	
D-PL-14082-01-01 / 2.5	Category 1	Stock	r-biopharm RIDASCREEN® FAST Sesame Ref. Nr. R7202	: 2018-04	Quantitative determination of sesame or sesame content	
D-PL-14082-01-01 / 2.5	Category 1	Stock	r-biopharm RIDASCREEN® FAST Soya Ref. Nr. R7102	: 2018-04	Quantitative determination of soy proteins	
D-PL-14082-01-01 / 2.6	---				Detection of allergens by real-time PCR	
D-PL-14082-01-01 / 2.6	---	Stock	MP-01541-DE	: 2023-03	Analysis of food and surface samples for the presence of a specific DNA sequence from celery by real-time PCR	

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Partial certificate / chapter	Flexibility	Status	Method	Issue	Title of the method	Modification
D-PL-14082-01-02					Physical, physico-chemical and chemical analysis of fertilisers	
D-PL-14082-01-02 / 1					Analysis of fertilisers	
D-PL-14082-01-02 / 1.1	Category 1				Sample preparation by extraction for physico-chemical analysis in fertilisers *	
D-PL-14082-01-02 / 1.1	Category 1	Stock	VO(EG) 2003/2003, IV, 3.1.1	: 2003-10	Extraction of phosphorus soluble in mineral acids	
D-PL-14082-01-02 / 1.1	Category 1	Stock	VO(EG) 2003/2003, IV, 3.1.2	: 2003-10	Extraction of phosphorus soluble in 2% formic acid	
D-PL-14082-01-02 / 1.1	Category 1	Stock	VO(EG) 2003/2003, IV, 3.1.3	: 2003-10	Extraction of phosphorus soluble in 2% citric acid	
D-PL-14082-01-02 / 1.1	Category 1	Stock	VO(EG) 2003/2003, IV, 3.1.4	: 2003-10	Extraction of phosphorus soluble in neutral ammonium citrate	
D-PL-14082-01-02 / 1.1	Category 1	Stock	VO(EG) 2003/2003, IV, 3.1.5.2	: 2003-10	Extraction of phosphorus soluble at room temperature to Petermann	
D-PL-14082-01-02 / 1.1	Category 1	Stock	VO(EG) 2003/2003, IV, 3.1.6	: 2003-10	Extraction of water-soluble phosphorus	
D-PL-14082-01-02 / 1.1	Category 1	Stock	VO(EG) 2003/2003, IV, 8.3	: 2003-10	Extraction of water-soluble calcium, magnesium and sodium and sulphur (in the form of sulphate)	
D-PL-14082-01-02 / 1.1	Category 1	Stock	VDLUFA II.1, 9.5.1	: 2004	Digestion with aqua regia	
D-PL-14082-01-02 / 1.2					Determination of physico-chemical parameters, nitrogen, elements und anorganic-chemical parameters in fertilisers	
D-PL-14082-01-02 / 1.2.1	Category 1				Determination of physico-chemical parameters and anorganic-chemical parameters by gravimetry in fertilisers *	
D-PL-14082-01-02 / 1.2.1	Category 1	Stock	DIN EN 12880	: 2001-02 (mod.)	Characterization of sludges - Determination of dry residue and water content; German version EN 12880:2000	here matrix fertiliser
D-PL-14082-01-02 / 1.2.1	Category 1	Flexible	VDLUFA II.1, 3.4.1	: 1995	Determination of nitrate-nitrogen	
D-PL-14082-01-02 / 1.2.1	Category 1	Stock	VDLUFA II, 10.1	: 1999	Determination of loss on ignition	
D-PL-14082-01-02 / 1.2.1	Category 1	Stock	VO(EG) 2003/2003, IV, 3.2	: 2003-10	Determination of phosphorus in extracts (gravimetrically as quinolinium molybdatophosphate)	
D-PL-14082-01-02 / 1.2.1	Category 1	Stock	VO(EG) 2003/2003, IV, 4.1	: 2003-10	Determination of water-soluble potassium	
D-PL-14082-01-02 / 1.2.2	Category 1				Determination of physico-chemical parameters and anorganic-chemical parameters by titrimetry in fertilisers *	
D-PL-14082-01-02 / 1.2.2	Category 1	Stock	VDLUFA II.1, 3.5.2.4	: 1995	Determination of total nitrogen in the presence of nitrate nitrogen, reduction of the nitrate content with chromium powder	
D-PL-14082-01-02 / 1.2.2	Category 1	Stock	VDLUFA II.1, 6.3.1	: 2008	Determination of alkaline agents in lime fertilisers	
D-PL-14082-01-02 / 1.2.2	Category 1	Stock	VDLUFA II.1, 6.3.2	: 2008	Determination of alkaline agents in slag lime, converter lime, residual lime and secondary raw material fertilisers	
D-PL-14082-01-02 / 1.2.2	Category 1	Stock	VDLUFA II.1, 6.4	: 1995	Determination of the reactivity of carbonated agricultural limes	
D-PL-14082-01-02 / 1.2.2	Category 1	Stock	VO(EG) 2003/2003, IV, 2.1	: 2003-10	Determination of ammonium nitrogen	
D-PL-14082-01-02 / 1.2.2	Category 1	Stock	VO(EG) 2003/2003, IV, 2.3.2	: 2003-10	Determination of total nitrogen in nitrate-containing calcium cyanamide	
D-PL-14082-01-02 / 1.2.3	Category 3				Determination of physico-chemical parameters by electrode measurement	
D-PL-14082-01-02 / 1.2.3	Category 3	Stock	DIN EN 12176 (withdrawn)	: 1998-06 (mod.)	Characterisation of sludge – Determination of pH value	here matrix fertiliser
D-PL-14082-01-02 / 1.2.4	Category 1				Determination of physico-chemical parameters by sieve analysis in fertilisers *	
D-PL-14082-01-02 / 1.2.4	Category 1	Stock	VDLUFA II.1, 6.5.1	: 2008	Determination of the through fraction of fertilisers, dry method	
D-PL-14082-01-02 / 1.2.4	Category 1	Stock	VDLUFA II.1, 6.5.2	: 1995	Determination of the through fraction of moist or agglutinated fertilisers, wet method	
D-PL-14082-01-02 / 1.2.5	Category 3				Determination of elements by inductively coupled plasma optical emission spectrometry (ICP-OES)	
D-PL-14082-01-02 / 1.2.5	Category 3	Stock	DIN EN ISO 11885	: 2009-09 (mod.)	Water quality - Determination of selected elements by inductively coupled plasma optical emission spectrometry (ICP-OES) (ISO 11885:2007); German version EN ISO 11885:2009	determination in matrix specific extraction solutions
D-PL-14082-01-02 / 1.2.6	Category 3				Determination of elements by inductively coupled plasma mass spectrometry (ICP-MS)	
D-PL-14082-01-02 / 1.2.6	Category 3	Stock	DIN EN ISO 17294-2	: 2017-01 (mod.)	Water quality - Application of inductively coupled plasma mass spectrometry (ICP-MS) - Part 2: Determination of selected elements including uranium isotopes (ISO 17294-2:2016); German version EN ISO 17294-2:2016	determination in matrix-specific extraction solutions
D-PL-14082-01-02 / 1.2.7	Category 3				Determination of elements by atomic absorption spectrometry (KD-AAS)	
D-PL-14082-01-02 / 1.2.7	Category 3	Stock	DIN EN 16320	: 2017-05	Fertilizers and liming materials - Determination of mercury by vapour generation (VG) after aqua regia dissolution; German version EN 16320:2013+A1:2017	
D-PL-14082-01-02 / 1.2.8	Category 3				Determination of nitrogen by combustion	
D-PL-14082-01-02 / 1.2.8	Category 3	Stock	VDLUFA II.1, 3.5.2.7	: 2019	Determination of total nitrogen - combustion method	
D-PL-14082-01-02 / 1.2.9	Category 3				Determination of nitrogen by photometry	
D-PL-14082-01-02 / 1.2.9	Category 3	Stock	VDLUFA II.1, 3.8.4	: 1995	Determination of urea nitrogen - photometric method with 4-(dimethylamino)-benzaldehyde	

List of all testing methods carried out within the scope of accreditation

Flexibility legend	Category 1 (*) :	incl. category 3 + free choice of standard or equivalent test methods
	Category 2 (**):	incl. categories 3 and 1 + modification, development and refinement of testing methods
	Category 3:	use standards or equivalent testing methods listed with different issue dates
	---	no flexibility
Status legend	Stock: same as on annex to accreditation; Flexible: other issue/modification than accreditation annex or <i>method only to find on this list within flexibility</i>	

Partial certificate / chapter	Flexibility	Status	Method	Issue	Title of the method	Modification
D-PL-14082-01-03					Measurements of radioactivity and of individual nuclides in food, feed, plant, fertilisers, water, waste and soil	
D-PL-14082-01-03 / 1					measurements of radioactivity and of individual nuclides in food, feed, plant, fertilisers, water, waste and soil	
D-PL-14082-01-03 / 1.1	Category 1				measurements of radioactivity and of individual nuclides by gamma spectrometry in food, feed, plant, fertilisers, water, waste and soil *	
D-PL-14082-01-03 / 1.1	Category 1	Stock	A-γ-SPEKT-NIEDE-01	: 2000-10	Method for the gamma spectrometric determination of radionuclides in precipitation	
D-PL-14082-01-03 / 1.1	Category 1	Stock	C-γ-SPEKT-OWASS-01	: 1993-12	Method for the gamma spectrometric determination of radionuclides in surface water	
D-PL-14082-01-03 / 1.1	Category 1	Stock	C-γ-SPEKT-SCHWE-01	: 1993-12	Method for the gamma spectrometric determination of radionuclides in suspended matter samples	
D-PL-14082-01-03 / 1.1	Category 1	Stock	C-γ-SPEKT-SEDIM-01	: 1993-12	Method for the gamma spectrometric determination of radionuclides in sediment samples	
D-PL-14082-01-03 / 1.1	Category 1	Stock	E-γ-SPEKT-LEBM-01	: 1997-05	Method for the gamma spectrometric determination of radionuclides in foodstuffs	
D-PL-14082-01-03 / 1.1	Category 1	Stock	F-γ-SPEKT-BODEN-01	: 1998-11	Method for the gamma spectrometric determination of radionuclides in soil samples	
D-PL-14082-01-03 / 1.1	Category 1	Stock	F-γ-SPEKT-DUEMI-01	: 1992-09	Method for the gamma spectrometric determination of radionuclides in samples of fertilisers	
D-PL-14082-01-03 / 1.1	Category 1	Stock	F-γ-SPEKT-FUMI-01	: 1998-11	Method for the gamma spectrometric determination of radionuclides in samples of feed and feed raw materials	
D-PL-14082-01-03 / 1.1	Category 1	Stock	F-γ-SPEKT-MILCH-01	: 1992-09	Method for the gamma spectrometric determination of radionuclides in milk samples	
D-PL-14082-01-03 / 1.1	Category 1	Stock	F-γ-SPEKT-MIPRO-01	: 1992-09	Method for the gamma spectrometric determination of radionuclides in cheese samples (imports)	
D-PL-14082-01-03 / 1.1	Category 1	Stock	F-γ-SPEKT-PFLAN-01	: 1998-11	Method for the gamma spectrometric determination of radionuclides in plant samples (indicators)	
D-PL-14082-01-03 / 1.1	Category 1	Stock	G-γ-SPEKT-FISCH-02	: 2015-11	Method for the gamma spectrometric determination of radionuclides in fish and fish products	
D-PL-14082-01-03 / 1.1	Category 1	Stock	G-γ-SPEKT-KRUST-02	: 1992-09	Method for the gamma spectrometric determination of radionuclides in crustaceans (shrimps)	
D-PL-14082-01-03 / 1.1	Category 1	Stock	G-γ-SPEKT-SCHAL-02	: 1992-09	Method for the gamma spectrometric determination of radionuclides in shellfish (mussels)	
D-PL-14082-01-03 / 1.1	Category 1	Stock	H-γ-SPEKT-AWASS-01	: 2000-10	Method for the gamma spectrometric determination of radionuclides in waste water	
D-PL-14082-01-03 / 1.1	Category 1	Stock	H-γ-SPEKT-KLAER-01	: 1992-09	Method for the gamma spectrometric determination of radionuclides in sewage sludge	
D-PL-14082-01-03 / 1.1	Category 1	Stock	H-γ-SPEKT-RESAB-01	: 1992-09	Method for the gamma spectrometric determination of radionuclides in groundwater/seepage water of domestic waste landfills	
D-PL-14082-01-03 / 1.1	Category 1	Stock	H-γ-SPEKT-RESAB-02	: 1992-09	Method for the gamma spectrometric determination of radionuclides in filter ash/filter dust, slag waste incineration plants and solid residues from flue gas cleaning of waste incineration plants	
D-PL-14082-01-03 / 1.1	Category 1	Stock	H-γ-SPEKT-RESAB-04	: 1992-09	Method for the gamma spectrometric determination of radionuclides in compost from composting plants	
D-PL-14082-01-03 / 1.1	Category 1	Stock	H-γ-SPEKT-TWASS-01	: 1992-09	Method for the gamma spectrometric determination of radionuclides in drinking water and groundwater	
D-PL-14082-01-03 / 1.2	Category 1	Stock	E-Sr-90-LEBM-04	: 2020-06 (mod.)	Determination of Strontium by liquid scintillation spectrometry in food, feed, plant and soil *	
D-PL-14082-01-03 / 1.2	Category 1	Stock	F-Sr-90-BODEN-03	: 2013-04 (mod.)	Method for the determination of the specific activity of strontium-90 in food with the liquid scintillation spectrometer (dicyclohexyl-18-crown-6 method)	gravimetric determination of the chemical yield
D-PL-14082-01-03 / 1.2	Category 1	Stock	F-Sr-90-FUMI-04	: 2020-06 (mod.)	Method for the determination of the specific activity of strontium-90 in soil with the liquid scintillation spectrometer (dicyclohexyl-18-crown-6 method)	gravimetric determination of the chemical yield
D-PL-14082-01-03 / 1.2	Category 1	Stock	F-Sr-90-FUMI-04	: 2020-06 (mod.)	Method for the determination of the specific activity of strontium-90 in feed and vegetation samples with the liquid scintillation spectrometer (dicyclohexyl-18-crown-6 method)	gravimetric determination of the chemical yield
D-PL-14082-01-03 / 1.3	Category 1				Determination of Tritium and total alpha activity by liquid scintillation spectrometry in water *	
D-PL-14082-01-03 / 1.3	Category 1	Stock	C-H-3-OWASS-01	: 1993-12	Method for the determination of the tritium concentration in surface water	
D-PL-14082-01-03 / 1.3	Category 1	Stock	H-α-GESAMIT-TWASS-02	: 2009-01 (mod.)	Rapid procedure for determining the gross alpha activity concentration in drinking water	reprocessing
D-PL-14082-01-03 / 1.3	Category 1	Stock	H-H-3-AWASS-01	: 2000-09	Method for the determination of tritium in waste water	

List of all testing methods carried out within the scope of accreditation

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- - - no flexibility

Status legend
Stock: same as on annex to accreditation; Flexible: other issue/modification than accreditation annex or *method only to find on this list within flexibility*

Partial certificate / chapter	Flexibility	Status	Method	Issue	Title of the method	Modification
D-PL-14082-01-04					Determination of selected radioactive substances in accordance with the German Drinking Water Ordinance	
D-PL-14082-01-04 / 1					Tests in accordance with the German Drinking Water Ordinance – TrinkwV –	
D-PL-14082-01-04 / Anlage 3a	Category 3				Requirements for drinking water with regard to radioactive substances	
D-PL-14082-01-04 / Anlage 3a	Category 3	Stock	H-Rn-222-TWASS-01	: 1994-12	Rapid method for the determination of radon-222 in drinking water	
D-PL-14082-01-04 / Anlage 3a	Category 3	Stock	C-H-3-OWASS-01	: 1993-12	Method for the determination of the tritium concentration in surface water	
D-PL-14082-01-04 / Anlage 3a	Category 3	Stock	H-α-GESAMT-TWASS-02	: 2009-01	Rapid procedure for determining the gross alpha activity concentration in drinking water	
D-PL-14082-01-04 / Anlage 3a	Category 3	Stock	H-γ-SPEKT-TWASS-01	: 1992-09	Method for the gamma spectrometric determination of radionuclides in drinking water and groundwater	