

List of all testing methods within the flexible scope of accreditation

Flexibility legend

Kat. 1 (*): free choice of standard/equivalent testing methods, Kat. 2 (**): modification, development and refinement of testing methods, Kat. 3: testing methods listed here with different issue dates

Status legend

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Chapter	Status	Method	Issue	Title of the method	Modification
1				Analysis of food, feed, plant and animal materials	
1.1 (Kat. 2)				Sensory testing of food and feed by simple descriptive tests **	
1.1 (Kat. 2)	Stock	DIN ISO 22935-2	: 2012-12 (mod.)	Milk and milk products - Sensory analysis - Part 2: Recommended methods for sensory evaluation (ISO 22935-2:2009)	Extension to matrix food
1.1 (Kat. 2)	Stock	DIN ISO 22935-3	: 2012-12 (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 (ISO 22935-3:2009)	Extension to matrix food
1.1 (Kat. 2)	Stock	DIN 10964	: 2014-11 (mod.)	Sensory analysis - Simple descriptive test	No encryption of samples
1.1 (Kat. 2)	Flex. List	MP-00167-DE	: 2022-03	Simple descriptive sensory testing of pet food	
1.2				Determination of characteristics, ingredients, additives, trace substances, residues and contaminants in food and feed	
1.2.1 (Kat. 3)				Preparation and pretreatment of samples	
1.2.1 (Kat. 3)	Stock	DGF C-VI 11a	: 2016 (mod.)	Representation of fatty acid methyl esters (boron trifluoride method)	Also used in milk fats, without C4 and C6 fatty acid determination; transesterification of the entire sample without prior fat extraction
1.2.1 (Kat. 3)	Stock	DGF C-VI 11d	: 1998 (mod.)	Representation of fatty acid methyl esters (alkaline transesterification)	transesterification with sodium
1.2.1 (Kat. 3)	Stock	DIN EN 12393-2	: 2014-03 (mod.)	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
1.2.1 (Kat. 3)	Stock	DIN EN 13805	: 2014-12	Foodstuffs - Determination of trace elements - Pressure digestion; German version EN 13805:2014	
1.2.2 (Kat. 3)				Determination of characteristics using physical and physico-chemical methods	
1.2.2 (Kat. 3)	Stock	DIN 10311	: 1985-08	Determination of the water dispersion in butter; indicator paper method	
1.2.2 (Kat. 3)	Stock	DIN 10331	: 1996-03	Determination of the hardness of butter	
1.2.2 (Kat. 3)	Stock	OIML R87	: 2016	Quantity of products in prepackages	
1.2.2 (Kat. 3)	Flex. List	VDLUFA III, 25.1	: 2012	Determination of net energy lactation (estimation method); gas formation according to Hohenheim feed value test	
1.2.2 (Kat. 3)	Stock	VDLUFA VI, C 12.2	: 2003	Milk and dairy products, determination of density with the pycnometer	
1.2.2 (Kat. 3)	Stock	VDLUFA VI, C 26.4	: 1995	Milk and milk products, determination of bulk density	
1.2.3 (Kat. 2)				Determination of ingredients and characteristics by gravimetry **	
1.2.3 (Kat. 2)	Stock	ASU L 00.00-18:1997-01, correction	: 2017-10	Analysis of foodstuffs - Determination of dietary fiber in food	
1.2.3 (Kat. 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
1.2.3 (Kat. 2)	Flex. List	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
1.2.3 (Kat. 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
1.2.3 (Kat. 2)	Flex. List	ASU L 13.05-3	: 2002-05	Analysis of foodstuffs - Determination of the fat content in margarine and other spreadable fats - Modified procedure based on method K-1 2 a of the German standard methods for the analysis of fats, fat products and related products	
1.2.3 (Kat. 2)	Flex. List	ASU L 16.01-1	: 2008-12	Analysis of foodstuffs - Determination of moisture content in cereal flour	
1.2.3 (Kat. 2)	Flex. List	ASU L 16.01-2	: 2008-12	Analysis of foodstuffs - Determination of ash in cereal flour	
1.2.3 (Kat. 2)	Stock	ASU L 17.00-1:1982-05, correction	: 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
1.2.3 (Kat. 2)	Stock	ASU L 17.00-3:1982-05, correction	: 2002-12 (mod.)	Determination of the ash content in bread including rolls of bread dough	Extension to matrix food
1.2.3 (Kat. 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
1.2.3 (Kat. 2)	Stock	Codex alimentarius STAN 165	: 1989	Standard for Quick Frozen Blocks of Fish Fillets, Minced Fish Flesh and Mixtures	
1.2.3 (Kat. 2)	Stock	Codex alimentarius STAN 70	: 1981	Codex Standard for Canned Tuna and Bonito	
1.2.3 (Kat. 2)	Stock	Codex alimentarius STAN 92	: 1981	Codex Standard for Quick Frozen Shrimps or Prawns	
1.2.3 (Kat. 2)	Flex. List	Dänemark, PD meddelelse FO 08/06	: 2008-06	Determination of EFOS Svin (pig feed)	
1.2.3 (Kat. 2)	Flex. List	Dänemark, PD meddelelse FO 08/06	: 2008-06	Determination of EFOS i	
1.2.3 (Kat. 2)	Flex. List	Dänemark, PD meddelelse FO 19/05	: 2019-05	Determination of EFOS kvaeg in cattle feed	
1.2.3 (Kat. 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	
1.2.3 (Kat. 2)	Flex. List	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	
1.2.3 (Kat. 2)	Stock	ISO 16472	: 2006-04	Animal feeding stuffs - Determination of amylose-treated neutral detergent fibre content (aNDF)	
1.2.3 (Kat. 2)	Flex. List	ISO 5984	: 2022-04	Animal feeding stuffs - Determination of crude ash	
1.2.3 (Kat. 2)	Flex. List	ISO 5985	: 2002-11	Animal feeding stuffs - Determination of ash insoluble in hydrochloric acid	
1.2.3 (Kat. 2)	Flex. List	ISO 6492	: 1999-08	Animal feeding stuffs - Determination of fat content	
1.2.3 (Kat. 2)	Stock	ISO 6496	: 1999-08 (mod.)	Animal feeding stuffs - Determination of moisture and other volatile matter content	single determination
1.2.3 (Kat. 2)	Flex. List	ISO 6865	: 2000-10	Animal feeding stuffs - Determination of crude fibre content - Method with intermediate fibrillation	
1.2.3 (Kat. 2)	Flex. List	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	
1.2.3 (Kat. 2)	Flex. List	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	
1.2.3 (Kat. 2)	Flex. List	VDLUFA III, 5.5.1	: 1983	Determination of petroleum ether insoluble impurities (PUV) in feed fats and oils	

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Chapter	Status	Method	Issue	Title of the method	Modification
1.2.3 (Kat. 2)	Stock	VDLUF A III, 6.6.1	: 1997	Determination of enzyme-soluble organic substance (cellulase method)	
1.2.3 (Kat. 2)	Flex. List	VDLUF A III, 10.6.5	: 1988	Determination of total phosphorus Gravimetric method	
1.2.3 (Kat. 2)	Stock	VDLUF A VI, C 10.2	: 2000 (mod.)	Determination of total ash	ashing time 10h
1.2.3 (Kat. 2)	Flex. List	VDLUF A VI, C 15.2.1	: 2020-01	<i>Determination of the fat content of milk and milk products - Röse-Gottlieb method</i>	
1.2.3 (Kat. 2)	Flex. List	VDLUF A VI, C 15.2.2	: 2020-01	<i>Determination of the fat content of cheese and processed cheese - method according to Schmid-Bondzynski-Ratzlaff</i>	
1.2.3 (Kat. 2)	Flex. List	VDLUF A VI, C 15.2.3	: 2020-01	<i>Determination of the fat content of milk and milk products - Weibull-Stoldt method</i>	
1.2.3 (Kat. 2)	Flex. List	VDLUF A VI, C 15.2.4	: 1995	<i>Determination of free fat in fat-containing dried milk products</i>	
1.2.3 (Kat. 2)	Stock	VDLUF A VI, C 35.3	: 2020-01 (mod.)	Dry matter (water content); sea sand method	drying time 4h)
1.2.3 (Kat. 2)	Flex. List	VDLUF A VI, C 35.6	: 1985	<i>Determination of the water content of dried milk products</i>	
1.2.3 (Kat. 2)	Flex. List	VDLUF A VI, C 35.8	: 1985	<i>Determination of the water content of butter - rapid method</i>	
1.2.3 (Kat. 2)	Flex. List	VDLUF A VI, C 35.9	: 1988	<i>Determination of the fat-free dry matter of butter</i>	
1.2.3 (Kat. 2)	Stock	VO (EG) 152/2009 Annex III, A	: 2009-01 (mod.)	Determination of moisture	Simple determination, drying time 4h with vacuum version, no subsequent drying
1.2.3 (Kat. 2)	Stock	VO (EG) 152/2009 Annex III, H	: 2009-01	Determination of the content of crude oils and fats in feedstuff	
1.2.3 (Kat. 2)	Stock	VO (EG) 152/2009 Annex III, I	: 2009-01	Determination of the crude fibre content of feedstuff	
1.2.3 (Kat. 2)	Stock	VO (EG) 152/2009 Annex III, M	: 2009-01	Determination of the crude ash content of feedstuff	
1.2.3 (Kat. 2)	Stock	VO (EG) 152/2009 Annex III, N	: 2009-01	Determination of the content of ash insoluble in hydrochloric acid in feedstuff	
1.2.3 (Kat. 2)	Flex. List	MP-00166-DE	: 2022-03	Determination of the proportions by weight of the components of compound foods	
1.2.4 (Kat. 2)				Determination of ingredients and characteristics by titrimetry **	
1.2.4 (Kat. 2)	Flex. List	ASU L 00.00-46/1	: 1999-11	<i>Analysis of foodstuffs - Determination of sulphite in food - Part 1: Optimized Monier-Williams method</i>	
1.2.4 (Kat. 2)	Flex. List	ASU L 01.00-10/1	: 2016-03	<i>Analysis of foodstuffs - Determination of the nitrogen content in milk and milk products - Part 1: Kjeldahl method and calculation of the crude protein content</i>	
1.2.4 (Kat. 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
1.2.4 (Kat. 2)	Flex. List	ASU L 07.00-5/1	: 2010-01	<i>Analysis of foodstuffs - Determination of the salt content (sodium chloride) in meat products - Potentiometric endpoint determination</i>	
1.2.4 (Kat. 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	
1.2.4 (Kat. 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
1.2.4 (Kat. 2)	Stock	ASU L 17.00-6:1988-12, correction	: 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
1.2.4 (Kat. 2)	Flex. List	ASU L 26.04-4	: 1987-06	<i>Analysis of foodstuffs; Determination of the titratable acids (total acid) in the infusion liquid or press brine of sauerkraut</i>	
1.2.4 (Kat. 2)	Flex. List	ASU L 31.00-3	: 1997-09	<i>Analysis of foodstuffs - Determination of titratable acidity of fruit and vegetable juices</i>	
1.2.4 (Kat. 2)	Flex. List	ASU L 46.02-1	: 2013-08	<i>Analysis of foodstuffs - Determination of the water content in roasted coffee according to Karl Fischer; Reference method</i>	
1.2.4 (Kat. 2)	Flex. List	ASU L 52.04-2	: 1987-06	<i>Analysis of foodstuffs; Determination of the titratable acids (total acid) in vinegar, with the exception of wine vinegar</i>	
1.2.4 (Kat. 2)	Flex. List	DIN EN ISO 5943	: 2007-01	<i>Cheese and processed cheese products - Determination of chloride content - Potentiometric titration method (ISO 5943:2006); German version EN ISO 5943:2006</i>	
1.2.4 (Kat. 2)	Flex. List	DIN EN ISO 8534	: 2017-05	<i>Animal and vegetable fats and oils - Determination of water content - Karl Fischer method (pyridine free) (ISO 8534:2017); German version EN ISO 8534:2017</i>	
1.2.4 (Kat. 2)	Flex. List	ISO 5983-2	: 2009-06	<i>Animal feeding stuffs - Determination of nitrogen content and calculation of crude protein content - Part 2: Block digestion and steam distillation method</i>	
1.2.4 (Kat. 2)	Flex. List	VDLUF A III, 4.2.1	: 1976	<i>Determination of ferment soluble crude protein</i>	
1.2.4 (Kat. 2)	Flex. List	VDLUF A III, 5.2.1	: 1976	<i>Determination of free fatty acids</i>	
1.2.4 (Kat. 2)	Flex. List	VDLUF A III, 5.4.5	: 1976	<i>Determination of the acid value</i>	
1.2.4 (Kat. 2)	Flex. List	VDLUF A III, 10.5.1	: 1976	<i>Determination of chlorine from chlorides</i>	
1.2.4 (Kat. 2)	Stock	VDLUF A VI, C 8.3	: 2000	Determination of the acidity of milk and liquid dairy products	
1.2.4 (Kat. 2)	Flex. List	VDLUF A VI, C 8.4	: 2000	<i>Determination of the titratable acidity of dried milk products</i>	
1.2.4 (Kat. 2)	Stock	VO (EG) 152/2009 Annex III, C	: 2009-01	Determination of the crude protein content of feedstuff	
1.2.4 (Kat. 2)	Stock	VO (EG) 152/2009 Annex III, J	: 2009-01	Determination of the sugar content of feedstuff	
1.2.4 (Kat. 2)	Stock	VO (EG) 152/2009 Annex III, K	: 2009-01	Determination of the lactose content of feedstuff	
1.2.4 (Kat. 2)	Stock	VO (EG) 152/2009 Annex III, Q	: 2009-01	Determination of the chlorine content of chlorides in feedstuff	
1.2.4 (Kat. 2)	Stock	MP-02707-DE	: 2021-03	Determination of the peroxide value in food and feed after cold extraction	
1.2.4 (Kat. 2)	Flex. List	VDLUF A III, 7.2.6	: 2012	<i>Determination of the degree of starch breakdown</i>	

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1.2.5 (Kat. 2)					Determination of ingredients and additives by photometry **	
1.2.5 (Kat. 2)	Stock	ASU L 00.00-94	: 2006-09		Analysis of foodstuffs- Determination of inulin in food - Enzymatic method	
1.2.5 (Kat. 2)	Stock	ASU L 06.00-8	: 2017-10		Analysis of foodstuffs - Determination of the hydroxyproline content in meat, meat products and sausage products - Photometric method after acidic digestion (reference method)	
1.2.5 (Kat. 2)	Flex. List	ASU L 07.00-17	: 2017-10		Analysis of foodstuffs - Determination of L-glutamic acid (L-glutamate) in meat products - Enzymatic method	
1.2.5 (Kat. 2)	Stock	ASU L 17.00-7:1983-11, correction	: 2002-12	(mod.)	Determination of lactose in bread including rolls of bread dough	Extension to matrix food
1.2.5 (Kat. 2)	Flex. List	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 feed, clarification of sample extracts by centrifugation/filtration
1.2.5 (Kat. 2)	Flex. List	DIN EN ISO 20541	: 2008-12		Milk and milk products - Determination of nitrate content - Method by enzymatic reduction and molecular-absorption spectrometry after Griess reaction (ISO 20541:2008); German version EN ISO 20541:2008	
1.2.5 (Kat. 2)	Flex. List	DIN EN ISO 30024	: 2011-09		Animal feeding stuffs - Determination of phytase activity (ISO 30024:2009); German version EN ISO 30024:2009	
1.2.5 (Kat. 2)	Flex. List	Enzytec-Liquid Ethanol	: 2017-11		Enzymatic determination of ethanol in food and other sample materials	
1.2.5 (Kat. 2)	Flex. List	r-biopharm Citric-acid (10 139 076 035)	: 2017-07		UV test for the determination of citric acid in food and other sample materials	
1.2.5 (Kat. 2)	Flex. List	r-biopharm L-Glutamic-acid (10 139 092 035)	: 2019-06		Determination of L-glutamic acid in food and other sample materials	
1.2.5 (Kat. 2)	Flex. List	Thermo Testkit L-Glutamic acid (Ref-Nr. 984 636)	: 2020-05		Photometric determination of L-Glutamic acid in homogenous liquid samples	
1.2.5 (Kat. 2)	Stock	VDLUF A III, 12.3.1	: 1988	(mod.)	Determination of added and natural carotenoids in animal feed	Extension to matrix dietary supplements for lutein
1.2.5 (Kat. 2)	Stock	VDLUF A III, 13.6.1	: 1983	(mod.)	Determination of choline chloride	Determination from the aqueous extract
1.2.5 (Kat. 2)	Flex. List	VDLUF A III, 27.1.3	: 2012		Preparation of mineral feeds and premixes for the determination of phytase activity	
1.2.5 (Kat. 2)	Flex. List	VDLUF A III, 27.1.4	: 2016		Processing of feed additives for the determination of phytase activity	
1.2.5 (Kat. 2)	Flex. List	VDLUF A VI, C 20.2.3	: 1985-01		Enzymatic determination of the lactose and galactose content of milk and milk products	
1.2.5 (Kat. 2)	Flex. List	VDLUF A VI, C 8.6	: 1993		Enzymatic determination of the D(-)- and L(+)-lactic acid or D(-)- and L(+)-lactate content	
1.2.5 (Kat. 2)	Stock	MP-02708-DE	: 2021-03		Enzymatic determination of nitrate in food and feed (Gallery)	
1.2.6 (Kat. 1)					Determination of ingredients in food and feed by polarimetry *	
1.2.6 (Kat. 1)	Stock	ASU L 17.00-5	: 2003-12		Analysis of foodstuffs - Determination of the starch content in bread including rolls of bread dough	
1.2.6 (Kat. 1)	Stock	VO (EG) 152/2009 Annex III, L	: 2009-01		Determination of the starch content of feedstuff	
1.2.7 (Kat. 1)					Determination of ingredients and characteristics by electrode measurement *	
1.2.7 (Kat. 1)	Stock	ASU L 06.00-2	: 1980-09		Measurement of the pH-value in meat and meat products	
1.2.7 (Kat. 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	
1.2.7 (Kat. 1)	Stock	ASU L 26.11.03-3	: 1983-05		Determination of the pH-value of tomato concentrate	
1.2.7 (Kat. 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
1.2.7 (Kat. 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	
1.2.7 (Kat. 1)	Flex. List	ISO 18787	: 2017-11		Foodstuffs - Determination of water activity	
1.2.7 (Kat. 1)	Stock	VDLUF A III, 18.1	: 1976	(mod.)	Silage, determination of pH value	Extension to matrix feed
1.2.7 (Kat. 1)	Stock	VDLUF A VI, C 8.2	: 2000		Acidity; pH value in milk and dairy products	
1.2.8 (Kat. 3)					Determination of ingredients by combustion	
1.2.8 (Kat. 3)	Stock	ISO 16634-1	: 2008-11		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	
1.2.9 (Kat. 1)					Determination of elements by inductively coupled plasma atomic emission spectrometry (ICP-OES) *	
1.2.9 (Kat. 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
1.2.9 (Kat. 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 procedure
1.2.10 (Kat. 1)					Determination of elements by inductively coupled plasma mass spectrometry (ICP-MS) *	
1.2.10 (Kat. 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	
1.2.10 (Kat. 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
1.2.10 (Kat. 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	
1.2.10 (Kat. 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	
1.2.10 (Kat. 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
1.2.10 (Kat. 1)	Flex. List	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	

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1.2.11 (Kat. 1)				Determination of elements by atomic absorption spectrometry (KD-AAS) *	
1.2.11 (Kat. 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	
1.2.11 (Kat. 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
1.2.12 (Kat. 3)				Determination of anions in food by ion chromatographic (IC) methods	
1.2.12 (Kat. 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
1.2.13 (Kat. 2)				Determination of organic ingredients, organic residues, additives and trace substances in food and feed by liquid chromatographic (LC) methods with conventional detectors (DAD, ELSD, FLD, ELCD) **	
1.2.13 (Kat. 2)	Stock	AOAC 999.12	: 2003	Taurine in pet food	
1.2.13 (Kat. 2)	Stock	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
1.2.13 (Kat. 2)	Stock	DIN 10758	: 1997-05 (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
1.2.13 (Kat. 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 Na ₂ S, single extraction of a defined aliquot of the saponification mixture in 15 ml petroleum spirit, optional sample grinding
1.2.13 (Kat. 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)
1.2.13 (Kat. 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
1.2.13 (Kat. 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
1.2.13 (Kat. 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
1.2.13 (Kat. 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
1.2.13 (Kat. 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
1.2.13 (Kat. 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
1.2.13 (Kat. 2)	Stock	ISO 20638	: 2015-11 (mod.)	Infant formula - Determination of nucleotides by liquid chromatography	Single standard for GMP, deviating calibration concentrations, centrifugation of all samples before SPE purification, HPLC column oven temperature is 22 °C
1.2.13 (Kat. 2)	Flex. List	VDLUF A 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
1.2.13 (Kat. 2)	Stock	VDLUF A III, 4.11.5	: 1997	Determination of methionine in feed with high chloride content	
1.2.13 (Kat. 2)	Stock	VDLUF A III, 13.8.1	: 1997 (mod.)	Determination of vitamin D3 in feed; HPLC method	Saponification without addition of Na ₂ S, single extraction of a defined aliquot of the saponification mixture in 15 ml petroleum spirit, optional sample grinding
1.2.13 (Kat. 2)	Stock	VDLUF A III, 13.9.1	: 2006 (mod.)	Feed - Determination of B vitamins including nicotinic acid; HPLC method	Extension to matrix food, no determination of nicotinic acid
1.2.13 (Kat. 2)	Stock	VDLUF A III, 14.22.1	: 2006 (mod.)	Determination of monensin sodium (HPLC method)	Extension to the determination of lasalocid, narasin and maduramycin
1.2.13 (Kat. 2)	Flex. List	VDLUF A III, 14.23.1	: 2006	Determination of Salinomycin sodium (HPLC method)	
1.2.13 (Kat. 2)	Stock	VO (EG) 152/2009 Anhang III, F	: 2009-01 (mod.)	Determination of the content of amino acids (except tryptophan) in feedstuff	Extension to infant food and dietary foods
1.2.13 (Kat. 2)	Stock	VO (EG) 152/2009 Anhang III, G	: 2009-01 (mod.)	Determination of tryptophan content in feedstuff	Extension to foodstuffs
1.2.13 (Kat. 2)	Stock	VO (EG) 152/2009 Annex IV, A	: 2009-01 (mod.)	Determination of the vitamin A content of feedstuff and premixtures	Extension to matrix food, simple extraction, no addition of Na ₂ S, Single extraction of a defined aliquot of the saponification preparation in 15 ml petroleum spirit, optional sample grinding
1.2.13 (Kat. 2)	Stock	VO (EG) 152/2009 Annex IV, B	: 2009-01 (mod.)	Determination of the vitamin E content of feedstuff and premixtures	Extension to matrix food, saponification without addition of Na ₂ S, one-time extraction of a defined aliquot of the saponification preparation in 15 ml petroleum spirit, optional sample grinding.
1.2.13 (Kat. 2)	Flex. List	MP-00191-DE	: 2022-03	Determination of vitamin K3 (menadiolone) in feed, HPLC method	
1.2.13 (Kat. 2)	Flex. List	MP-00192-DE	: 2022-03	Determination of vitamin K1 (phyloquinone) in food and feed, HPLC method with post-column reduction	
1.2.13 (Kat. 2)	Flex. List	MP-00231-DE	: 2022-01	Determination of preservatives in food and feed by HPLC	
1.2.13 (Kat. 2)	Stock	MP-00240-DE	: 2021-11	Determination of taurine in dairy products and beverages by HPLC	
1.2.13 (Kat. 2)	Flex. List	MP-00244-DE	: 2021-11	Determination of coumarin in food samples by HPLC	
1.2.13 (Kat. 2)	Flex. List	MP-00247-DE	: 2021-11	Determination of nicarbazin in feed, premixes and high concentrates by HPLC	
1.2.13 (Kat. 2)	Flex. List	MP-01280-DE	: 2022-01	Determination of ethoxyquin, propyl gallate, butylhydroxyanisole and butylhydroxytoluene by HPLC	
1.2.13 (Kat. 2)	Flex. List	MP-01308-DE	: 2022-06	Determination of betaine and carnitine in concentrates	
1.2.13 (Kat. 2)	Stock	MP-01372-DE	: 2021-10	Analysis of Ergosterin in foodstuff, HPLC-method	

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Flexibility legend

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Chapter	Status	Method	Issue	Title of the method	Modification
1.2.13 (Kat. 2)	Flex. List	MP-01373-DE	: 2022-03	Determination of vitamin E acetate in concentrates of feed and food, HPLC method	
1.2.13 (Kat. 2)	Flex. List	MP-01375-DE	: 2021-08	Determination of vitamin C (ascorbic acid) in food and feed, HPLC method	
1.2.13 (Kat. 2)	Flex. List	MP-02193-DE	: 2021-12	Determination of vitamin C phosphate in animal feed, HPLC method	
1.2.13 (Kat. 2)	Flex. List	MP-02428-DE	: 2022-06	Analysis of vitamin D3, D2 and 25-OH-D3 in concentrates and 25-OH-D3 in premixes. HPLC method	
1.2.13 (Kat. 2)	Flex. List	MP-02570-DE	: 2021-12	Determination of tocopherol isomer mixtures as pure substance, HPLC method	
1.2.14 (Kat. 2)				Determination of organic ingredients, residues and contaminants by liquid chromatography with mass selective detection (HPLC-MS/MS, LC-MS/MS) **	
1.2.14 (Kat. 2)	Stock	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
1.2.14 (Kat. 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
1.2.14 (Kat. 2)	Stock	DIN EN 15662	: 2018-07 (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; German version EN 15662:2018	Extension to matrix animal food and feed, processing for selected matrices with additional GCB purification and subsequent GPC cleanup
1.2.14 (Kat. 2)	Flex. List	MP-00180-DE	: 2022-03	Determination of selected mycotoxins by HPLC-MS/MS	
1.2.14 (Kat. 2)	Flex. List	MP-00182-DE	: 2022-03	Determination of chloramphenicol, ivermectin and benzimidazoles by HPLC-MS/MS (acetonitrile extraction)	
1.2.14 (Kat. 2)	Flex. List	MP-00211-DE	: 2022-06	Determination of glyphosate, AMPA and glufosinate as FMOc derivatives by HPLC-MS/MS method	
1.2.14 (Kat. 2)	Flex. List	MP-00225-DE	: 2022-06	Determination of polar pesticides in food and feed (HPLC-MS/MS)	
1.2.14 (Kat. 2)	Flex. List	MP-00234-DE	: 2022-03	Determination of melamine and cyanuric acid in food and feed by HPLC-MS/MS	
1.2.14 (Kat. 2)	Flex. List	MP-00237-DE	: 2022-03	Determination of acrylamide in food, feed and water by HPLC-MS/MS method	
1.2.14 (Kat. 2)	Flex. List	MP-00238-DE	: 2021-06	Determination of selected antibiotics in food and feed by HPLC-MS/MS (buffer extraction)	
1.2.14 (Kat. 2)	Flex. List	MP-00241-DE	: 2022-03	Determination of tetracyclines in food by HPLC-MS/MS	
1.2.14 (Kat. 2)	Flex. List	MP-00242-DE	: 2022-03	Determination of robenidine and colistin in feed by HPLC-MS/MS (acid extraction)	
1.2.14 (Kat. 2)	Flex. List	MP-00245-DE	: 2022-03	Determination of fumonisins (mycotoxins) by HPLC-MS/MS	
1.2.14 (Kat. 2)	Flex. List	MP-01306-DE	: 2022-03	Determination of patulin in fruit and fruit products by LC-MS/MS	
1.2.14 (Kat. 2)	Flex. List	MP-01309-DE	: 2022-05	Determination of total folate content in food, LC-MS/MS method	
1.2.14 (Kat. 2)	Flex. List	MP-02089-DE	: 2022-03	Determination of Aflatoxin M1 in milk and milk products by LC-MS/MS	
1.2.14 (Kat. 2)	Flex. List	MP-02090-DE	: 2022-03	Determination of sugars (residues and low contents) by LC-MS/MS	
1.2.14 (Kat. 2)	Flex. List	MP-02177-DE	: 2022-03	Determination of diquat and paraquat in plant food and feed by LCMSMS	
1.2.14 (Kat. 2)	Stock	MP-02196-DE	: 2022-06	Determination of nicotine in food and feed samples by LCMSMS	
1.2.14 (Kat. 2)	Stock	MP-02331-DE	: 2020-06	Determination of PTU and ETU in baby food by LC-MS/MS	
1.2.14 (Kat. 2)	Flex. List	MP-02601-DE	: 2022-04	Determination of purines in dry and wet feed by LC-MS/MS	
1.2.14 (Kat. 2)	Flex. List	MP-02602-DE	: 2022-04	Determination of Pyrrolizidine alkaloids and Tropane alkaloids in plant material by HPLC-MS/MS	
1.2.15 (Kat. 2)				Determination of organic ingredients and organic residues in food and feed by gas chromatographic (GC) methods with conventional detectors (FID, ECD, FPD) **	
1.2.15 (Kat. 2)	Stock	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
1.2.15 (Kat. 2)	Stock	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 and C6 fatty acid determination
1.2.15 (Kat. 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
1.2.15 (Kat. 2)	Stock	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
1.2.16 (Kat. 2)				Determination of organic residues and contaminants by gas chromatographic (GC) methods with mass selective detectors (MS, MS/MS, HRMS) **	
1.2.16 (Kat. 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
1.2.16 (Kat. 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
1.2.16 (Kat. 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
1.2.16 (Kat. 2)	Stock	DIN EN 15662	: 2018-07 (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; German version EN 15662:2018	Extension to matrix animal food and feed, processing for selected matrices with additional GCB purification and subsequent GPC cleanup
1.2.16 (Kat. 2)	Flex. List	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 also by GC-MS/MS
1.2.16 (Kat. 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
1.2.16 (Kat. 2)	Flex. List	MP-00183-DE	: 2021-11	Determination of volatile organic compounds in food and feed by headspace GC-MS	
1.2.16 (Kat. 2)	Flex. List	MP-02840-DE	: 2021-10	Analysis of Ethylenoxid and 2-Chlorethanol in food and feed (GC-MS-MS)	

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Chapter	Status	Method	Issue	Title of the method	Modification
1.3				Microbiological testing of food and feed	
1.3.1 (Kat. 1)				Sample preparation and sample pretreatment by dilution *	
1.3.1 (Kat. 1)	Flex. List	DIN EN ISO 6887-1	: 2017-07	Microbiology of the food chain - Preparation of test samples, initial suspension and decimal dilutions for microbiological examination - Part 1: General rules for the preparation of the initial suspension and decimal dilutions (ISO 6887-1:2017); German version EN ISO 6887-1:2017	
1.3.1 (Kat. 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	
1.3.1 (Kat. 1)	Flex. List	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	
1.3.2 (Kat. 2)				Determination of vitamins by microbiological testing **	
1.3.2 (Kat. 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
1.3.2 (Kat. 2)	Stock	USP 21, method 88	: 1986	Biological Tests and Assays - Biotin Assay	
1.3.2 (Kat. 2)	Stock	USP 34, method 441	: 2011 (mod.)	Niacin or Niacinamide assay	Extraction with HCl instead of sulfuric acid
1.3.2 (Kat. 2)	Stock	USP 39, method 91	: 2016	Biological Tests and Assays - Calcium Pantothenate Assay	
1.3.2 (Kat. 2)	Stock	USP 39, method 171	: 2016 (mod.)	Biological Test and Assays - Vitamin B12 Activity Assay	The concentration of sodium sulfite in the extraction solution is not adjusted to the sample weight
1.3.2 (Kat. 2)	Flex. List	MP-00171-DE	: 2022-03	Analysis of choline using a microbiological assay in food and feedstuffs	
1.3.2 (Kat. 2)	Flex. List	MP-02147-DE	: 2022-03	Microbiological determination of inositol in food and feedstuff	
1.3.3 (Kat. 2)				Qualitative and quantitative detection of bacteria, yeasts and moulds by cultural microbiological methods **	
1.3.3 (Kat. 2)	Stock	bioMérieux BACARA™ Certificate AES 10/10-07/10	: 2018-07	Enumeration of presumptive <i>Bacillus cereus</i> (validated alternative method)	
1.3.3 (Kat. 2)	Flex. List	BIO-RAD RAPID Enterobacteriaceae®, BRD 07/24-11/13	: 2018-03	Enumeration of Enterobacteriaceae in all human food, feed and environmental samples (validated alternative method; reference method NF EN ISO 21528-2:2017)	
1.3.3 (Kat. 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	Modification during counting of thermophilic microorganisms: incubation at 55°C
1.3.3 (Kat. 2)	Stock	DIN EN ISO 4833-2	: 2014-05	Microbiology of the food chain - Horizontal method for the enumeration of microorganisms - Part 2: Colony count at 30 degrees C by the surface plating technique (ISO 4833-2:2013 + Cor. 1:2014); German version EN ISO 4833-2:2013 + AC:2014	
1.3.3 (Kat. 2)	Stock	DIN EN ISO 6888-1	: 2003-12 (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 1: Technique using Baird-Parker agar medium	Confirmation of the coagulase reaction with Baird Parker Rabbit Plasma Fibrinogen Agar
1.3.3 (Kat. 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
1.3.3 (Kat. 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	
1.3.3 (Kat. 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	
1.3.3 (Kat. 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	
1.3.3 (Kat. 2)	Flex. List	DIN ISO 16649-2	: 2020-12	Microbiology of food and animal feeding stuffs - Horizontal method for the enumeration of β-glucuronidase-positive <i>Escherichia coli</i> - Part 2: Colony-count technique at 44 °C using 5-bromo-4-chloro-3-indolyl β-D-glucuronide (ISO 16649-2:2001)	
1.3.3 (Kat. 2)	Flex. List	ICUMSA GS2/3-41	: 2011	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
1.3.3 (Kat. 2)	Flex. List	ICUMSA GS2/3-47	: 2015	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
1.3.3 (Kat. 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	
1.3.3 (Kat. 2)	Stock	ISO 4832	: 2006-02	Microbiology of food and animal feeding stuffs - Horizontal method for the enumeration of coliforms - Colony-count technique	
1.3.3 (Kat. 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.	
1.3.3 (Kat. 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 bakery products, tea, herbs and spices, fruit and fruit products
1.3.3 (Kat. 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	
1.3.3 (Kat. 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	
1.3.3 (Kat. 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	
1.3.3 (Kat. 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	
1.3.3 (Kat. 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	

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Chapter	Status	Method	Issue	Title of the method	Modification
1.3.3 (Kat. 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	
1.3.3 (Kat. 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	
1.3.3 (Kat. 2)	Flex. List	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
1.3.3 (Kat. 2)	Stock	ISO 21871	: 2006-01 (mod.)	Microbiology of food and animal feeding stuffs - Horizontal method for the determination of low numbers of presumptive Bacillus cereus - Most probable number technique and detection method	Instead of MYP agar, BACARA agar is used for confirmation
1.3.3 (Kat. 2)	Flex. List	Nordisk Metodikkommitté för Livsmedel (NMKL) No. 44, 6.ed	: 2004-01	Coliform bacteria. Determination in foods and feeds	
1.3.3 (Kat. 2)	Stock	Nordisk Metodikkommitté för Livsmedel (NMKL) No. 71, 5.ed	: 1999-01 (mod.)	Salmonella. Detection in foods	Extension to matrix feed, confirmation using MALDI-TOF, extension to environmental controls
1.3.3 (Kat. 2)	Stock	Nordisk Metodikkommitté för Livsmedel (NMKL) No. 86, 5. ed	: 2013-01 (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
1.3.3 (Kat. 2)	Flex. List	Nordisk Metodikkommitté för Livsmedel (NMKL) No. 98, 4.ed	: 2005-01	Mould and yeasts. Determination in foods and feed	
1.3.3 (Kat. 2)	Flex. List	Nordisk Metodikkommitté för Livsmedel (NMKL) No. 144, 3.ed	: 2005-01	Enterobacteriaceae. Determination in foods and feeds.	
1.3.3 (Kat. 2)	Stock	VDLUFA III, 28.1.2	: 2012	Process instruction for the identification of bacteria, yeasts, moulds and black fungus	
1.3.3 (Kat. 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	
1.3.3 (Kat. 2)	Stock	VDLUFA VI, M 7.12.2	: 1993	Determination of pseudomonads: Colony counting method with C-F-C selective agar	
1.3.3 (Kat. 2)	Stock	VDLUFA VI, M 7.13	: 1996	Determination of thermotolerant (thermoresistant) microorganisms	
1.3.3 (Kat. 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)
1.3.3 (Kat. 2)	Stock	VDLUFA VI, M 7.18.2.1	: 1996 (mod.)	Detection of anaerobic spore formers (Clostridium)	Extension to matrix food and feed additives
1.3.3 (Kat. 2)	Stock	VDLUFA VI, M 7.8.2	: 1993	Determination of enterococci; colony counting method with kanamycin-esculin-acid agar	
1.3.3 (Kat. 2)	Stock	MP-01152-DE	: 2021-07	Cultural detection method for Cronobacter spp. and in particular Cronobacter sakazakii using and in particular Cronobacter sakazakii by means of RAPID [®] Sakazakii Agar [®] in food and environmental samples	
		corresponds to:			
		BIO-RAD RAPID [®] Sakazakii [®] , BRD 07/22-05/12	: 2020-04	Cultural detection method of Cronobacter spp (validated alternativ method; reference method NF EN ISO 22964, 2017-06)	
1.3.3 (Kat. 2)	Stock	MP-02380-DE	: 2020-10	Detection of Listeria spp. and L. monocytogenes and quantification of L. monocytogenes using RAPID [®] L.mono-Agar [®] in food and environmental samples	
		corresponds to:			
		BIO-RAD RAPID [®] L.mono [®] , NordVal 022	: 2020-05	Detection and enumeration of Listeria monocytogenes and the detection of Listeria spp. In foods and environmental samples (validated alternativ method; reference method EN ISO 11290-2:2017)	
		BIO-RAD RAPID [®] L.mono [®] , BRD 07/04-09/98	: 2019-09	Detection of Listeria monocytogenes an other species of the genus Listeria in all human food products and industrial environmental samples (validated alternativ method; reference method NF EN ISO 11290-1:2017)	
1.3.3 (Kat. 2)	Flex. List	MP-02642-DE	: 2022-03	Counting of Pseudomonas spp. and Aeromonas spp. in ready to eat meals and fishery products	
1.3.4 (Kat. 2)				Identification and typing of bacteria by MALDI-ToF **	
1.3.4 (Kat. 2)	Stock	AOAC 2017.10	: 2017	Confirmation and identification of Listeria monocytogenes, Listeria species and other gram-positive organisms	
1.3.4 (Kat. 2)	Flex. List	MP-01115-DE	: 2022-03	Identification of Gram-negative bacteria using MALDI-ToF	
1.4				Molecular biological analysis of food and feed	
1.4.1				Analysis of nucleic acids by real-time PCR	
1.4.1.1 (Kat. 2)				Detection of bacteria **	
1.4.1.1 (Kat. 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
1.4.1.1 (Kat. 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	
1.4.1.1 (Kat. 2)	Flex. List	MP-00158-DE	: 2021-08	Detection of Clostridium estertheticum and Clostridium estertheticum-like bacteria in meat juice by real-time PCR	
1.4.1.1 (Kat. 2)	Flex. List	MP-01236-DE	: 2022-03	Analysis of food and feed for the presence of Listeria monocytogenes by real-time PCR	
1.4.1.1 (Kat. 2)	Flex. List	MP-01539-DE	: 2022-03	Analysis of the presence of the most important virulence genes of Shiga toxin-producing Escherichia coli (STEC, VTEC) by real-time PCR	
1.4.1.1 (Kat. 2)	Flex. List	MP-01540-DE	: 2021-07	Analysis of food and feed for the presence of various pathogenic bacteria by real-time PCR	
1.4.1.2 (Kat. 2)				Detection of animal species **	
1.4.1.2 (Kat. 2)	Stock	EURL-AP recommended protocol	: 2013-02	Detection of horse DNA using real-time PCR	
1.4.1.2 (Kat. 2)	Flex. List	EURL-AP SOP	: 2021-05	Detection of ruminant DNA in feed using real-time PCR	
1.4.1.2 (Kat. 2)	Flex. List	EURL-AP SOP	: 2021-09	Detection of pig DNA in feed using real-time PCR	
1.4.1.2 (Kat. 2)	Flex. List	MP-00160-DE	: 2021-08	Analysis of animal material for the presence of specific DNA from cattle, pigs, sheep and goats by real-time PCR	

List of all testing methods within the flexible scope of accreditation

Flexibility legend

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Status legend

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Chapter	Status	Method	Issue		Title of the method	Modification
1.4.1.2 (Kat. 2)	Flex. List	MP-02523-DE	: 2021-08		Detection of ostrich DNA in food and feed by real-time PCR	
1.4.1.2 (Kat. 2)	Flex. List	MP-02524-DE	: 2021-08		Detection of pheasant DNA in food and feed by real-time PCR	
1.4.1.2 (Kat. 2)	Flex. List	MP-02594-DE	: 2021-08		Detection of kangaroo DNA in food and feed by real-time PCR	
1.4.1.2 (Kat. 2)	Flex. List	MP-02679-DE	: 2022-06		Detection of DNA of different fish species in food and feed by real-time PCR	
1.4.1.3 (Kat. 2)					Detection of allergens and plant species **	
1.4.1.3 (Kat. 2)	Stock	DIN EN 15634-2	: 2019-12	(mod.)	Foodstuffs - Detection of food allergens by molecular biological methods - Part 2: Celery (<i>Apium graveolens</i>) - 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.
1.4.1.3 (Kat. 2)	Flex. List	MP-01541-DE	: 2022-03		Analysis of food and surface samples for the presence of a specific DNA sequence of celery by real-time PCR	
1.4.1.3 (Kat. 2)	Flex. List	MP-02378-DE	: 2022-03		Determination of the soy content in feed by real-time PCR	
1.4.1.3 (Kat. 2)	Flex. List	MP-03136-DE	: 2022-06		Detection of wasabi DNA in food by real-time PCR	
1.4.1.4 (Kat. 2)					Detection of genetically modified plants **	
1.4.1.4 (Kat. 2)	Flex. List	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	
1.4.1.4 (Kat. 2)	Flex. List	ASU L 15.06-3	: 2013-08	(mod.)	Analysis of foodstuffs - detection of genetically modified cry1Ab1 / Ac and P-ubi - cry-DNA sequences in rice products using real-time PCR - element-specific and construct-specific method	Matrix according to scope also other food, feed and seeds
1.4.1.4 (Kat. 2)	Stock	MP-00212-DE	: 2020-12		Quantification of Roundup Ready Soy (Event 40-3-2) in food and feed by quantitative real-time PCR	
1.4.1.4 (Kat. 2)	Stock	MP-00213-DE	: 2020-10		Quantification of the rapeseed GMO event GT73/RT73 in food and feed by quantitative real-time PCR	
1.4.1.4 (Kat. 2)	Stock	MP-00214-DE	: 2020-12		Quantification of A2704-12 soya in food and feed by quantitative real-time PCR	
1.4.1.4 (Kat. 2)	Stock	MP-00215-DE	: 2020-12		Quantification of RR2Yield soy (Event MON89788) in food and feed by quantitative real-time PCR	
1.4.1.4 (Kat. 2)	Stock	MP-00216-DE	: 2020-11		Quantification of rapeseed GMO event T45 in food and feed by quantitative real-time PCR	
1.4.1.4 (Kat. 2)	Stock	MP-00217-DE	: 2020-11		Quantification of rapeseed GMO event Ms8 in food and feed by quantitative real-time PCR	
1.4.1.4 (Kat. 2)	Stock	MP-00218-DE	: 2020-11		Quantification of the rapeseed GMO event Rf3 Food and Feed by quantitative real-time PCR	
1.4.1.4 (Kat. 2)	Stock	MP-00219-DE	: 2020-11		Quantification of maize GMO event MON810 in food and feed by quantitative real-time PCR	
1.4.1.4 (Kat. 2)	Stock	MP-00220-DE	: 2020-11		Quantification of the maize GMO event NK603 in livestock and animal feeds by quantitative real-time PCR	
1.4.1.4 (Kat. 2)	Flex. List	MP-00222-DE	: 2020-11		Quantification of maize GMO event MON89034 in food and feed by quantitative real-time PCR	
1.4.1.4 (Kat. 2)	Flex. List	MP-00223-DE	: 2020-12		Quantification of A5547-127 soya in food and feed by quantitative real-time PCR	
1.4.1.4 (Kat. 2)	Stock	MP-00250-DE	: 2021-01		Detection of a genetically modified DNA sequence Cry1a(c)-T-NOS in rice products by real-time PCR	
1.4.1.4 (Kat. 2)	Stock	MP-00251-DE	: 2021-01		Detection of a genetically modified linseed DNA sequence in food and feed using real-time PCR	
1.4.1.4 (Kat. 2)	Flex. List	MP-00881-DE	: 2020-12		Quantification of MON87701 soy in food and feed by quantitative real-time PCR	
1.4.1.4 (Kat. 2)	Stock	MP-00934-DE	: 2020-11		Quantification of maize GMO event TC1507 in food and feed by quantitative real-time PCR	
1.4.1.4 (Kat. 2)	Flex. List	MP-02418-DE	: 2022-05		Quantifizierung des Soja GVO Events DAS-44406-6 in Lebens- und Futtermitteln sowie Saatgut mittels real-time PCR	
1.4.1.4 (Kat. 2)	Flex. List	MP-02430-DE	: 2022-05		Quantification of the soybean GMO event FG72 in food, feed and seed by real-time PCR	
1.4.1.4 (Kat. 2)	Flex. List	MP-02431-DE	: 2022-06		Quantification of the soybean GMO event MON87708 in food and feed by real-time PCR	
1.4.1.4 (Kat. 2)	Flex. List	MP-02522-DE	: 2020-08		Quantification of the soybean GMO event DAS-68416-4 in food, feed and seed by real-time PCR	
1.4.1.4 (Kat. 2)	Flex. List	MP-02527-DE	: 2020-10		Quantification of the soybean GMO event MON87705 in food, feed and seed by real-time PCR	
1.4.1.4 (Kat. 2)	Flex. List	MP-02528-DE	: 2020-08		Quantification of the soybean GMO event DP-305423-1 in food, feed and seed by real-time PCR	
1.4.1.4 (Kat. 2)	Flex. List	MP-02529-DE	: 2020-10		Quantification of the soybean GMO event DP-356043-5 in food, feed and seed by real-time PCR	
1.4.1.4 (Kat. 2)	Flex. List	MP-02590-DE	: 2021-01		Quantification of the soybean GMO event CV127 in food, feed and seed by real-time PCR	
1.4.1.4 (Kat. 2)	Flex. List	MP-02591-DE	: 2021-01		Quantification of the soybean GMO event MON87769 in food, feed and seed by real-time PCR	
1.4.1.4 (Kat. 2)	Flex. List	MP-02592-DE	: 2021-01		Quantification of the soybean GMO event MON87751 in food, feed and seed by real-time PCR	
1.4.1.4 (Kat. 2)	Flex. List	MP-02666-DE	: 2021-11		Quantification of maize GMO event Bt11 in food, feed and seed by real-time PCR	
1.4.1.4 (Kat. 2)	Flex. List	MP-02667-DE	: 2021-05		Quantification of the maize GMO event Mir162 in food, feed and seed by real-time PCR	
1.4.1.4 (Kat. 2)	Flex. List	MP-02668-DE	: 2021-05		Quantification of maize GMO event MON88017 in food, feed and seed by real-time PCR	
1.4.1.4 (Kat. 2)	Flex. List	MP-02669-DE	: 2021-05		Quantification of the maize GMO event DAS-40278 in food, feed and seed by real-time PCR	
1.4.1.4 (Kat. 2)	Flex. List	MP-02757-DE	: 2021-05		Quantification of maize GMO event 59122 in food, feed and seed by real-time PCR	
1.4.1.4 (Kat. 2)	Flex. List	MP-02758-DE	: 2021-07		Quantification of maize GMO event GA21 in food, feed and seed by real-time PCR	
1.4.1.4 (Kat. 2)	Flex. List	MP-02759-DE	: 2021-07		Quantification of the maize GMO event MIR604 in food, feed and seed by real-time PCR	
1.4.1.4 (Kat. 2)	Flex. List	MP-02760-DE	: 2021-07		Quantification of maize GMO event MON87427 in food, feed and seed by real-time PCR	
1.4.1.4 (Kat. 2)	Flex. List	MP-02794-DE	: 2021-09		Quantification of the sugar beet GMO event H7-1 in food, feed and seed by real-time PCR	
1.4.1.4 (Kat. 2)	Flex. List	MP-02795-DE	: 2021-10		Quantification of the soybean GMO event SYHT0H2 in food, feed and seed by real-time PCR	
1.4.1.4 (Kat. 2)	Flex. List	MP-02811-DE	: 2022-03		Quantification of maize GMO event T25 in food, feed and seed by real-time PCR	
1.4.1.4 (Kat. 2)	Flex. List	MP-02861-DE	: 2021-10		Screening of food and feed for <i>Arabidopsis thaliana</i> SSU promotor (pSSuAra) DNA sequences by real-time PCR	
1.4.1.4 (Kat. 2)	Flex. List	MP-02862-DE	: 2021-11		Screening of food and feed for pea E9 terminator (tE9) and pea DNA sequences by real-time PCR	
1.4.1.4 (Kat. 2)	Flex. List	MP-02874-DE	: 2021-11		Quantification of maize GMO event MON87460 in food, feed and seed by real-time PCR	
1.4.1.4 (Kat. 2)	Flex. List	MP-02875-DE	: 2021-11		Quantification of maize GMO event 4114 in food, feed and seed by real-time PCR	
1.4.1.4 (Kat. 2)	Flex. List	MP-02876-DE	: 2021-11		Quantification of maize GMO event MON87411 in food, feed and seed by real-time PCR	
1.4.1.4 (Kat. 2)	Flex. List	MP-03008-DE	: 2022-03		Quantification of maize GMO event 5307 in food and feed as well as seed by real-time PCR	
1.4.1.4 (Kat. 2)	Flex. List	MP-03009-DE	: 2022-04		Quantification of the maize GMO event MON87403 in food and feed by real-time PCR	
1.4.1.4 (Kat. 2)	Flex. List	MP-03010-DE	: 2022-03		Quantification of the maize GMO event MZHGOJG in food and feed as well as seed by real-time PCR	
1.4.1.4 (Kat. 2)	Flex. List	MP-03011-DE	: 2022-03		Quantification of the oilseed rape GMO event MON88302 in food, feed and seed by real-time PCR	

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Chapter	Status	Method	Issue	Title of the method	Modification
1.4.2				Analysis of nucleic acids by multiplex real-time PCR	
1.4.2.1 (Kat. 2)				Detection of animal species **	
1.4.2.1 (Kat. 2)	Flex. List	MP-02432-DE	: 2021-08	Detection of hare and rabbit DNA in food and feed by duplex real-time PCR	
1.4.2.1 (Kat. 2)	Flex. List	MP-02619-DE	: 2021-08	Detection of red deer, roe deer and fallow deer DNA in food and feed using triplex real-time PCR	
1.4.2.1 (Kat. 2)	Flex. List	MP-02767-DE	: 2021-08	Detection of DNA from chicken, turkey, duck and goose in food and feed by multiplex real-time PCR	
1.4.2.2 (Kat. 2)				Detection of genetically modified plants **	
1.4.2.2 (Kat. 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
1.4.2.2 (Kat. 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
1.4.2.2 (Kat. 2)	Stock	ASU L 00.00-154:2014-08, correction	: 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
1.4.2.2 (Kat. 2)	Flex. List	MP-02665-DE	: 2021-02	Screening for genetically modified soy lines without markers (MON87708, MON87769, DP-305423, CV127) in food and feed by multiplex real-time PCR	
1.4.3				Determination of mycotoxins, allergens veterinary drugs and hormones by ELISA	
1.4.3.1 (Kat. 1)				Determination of mycotoxins by ELISA *	
1.4.3.1 (Kat. 1)	Flex. List	NEOGEN Veratox® for Aflatoxin M1	: 2016-03	Quantitative Determination of Aflatoxin M1 in milk and dairy products	
1.4.3.1 (Kat. 1)	Stock	NEOGEN Veratox® for DON 5/5	: 2019-07	Quantitative Determination of Deoxynivalenol	
1.4.3.1 (Kat. 1)	Stock	NEOGEN Veratox® for Ochratoxin V-Ochra-ES_1214	: 2017-11	Quantitative Determination of Ochratoxine	
1.4.3.1 (Kat. 1)	Stock	NEOGEN Veratox® for Zearalenone V-Zear_ES_0115	: 2017-11	Quantitative Determination of Zearalenone	
1.4.3.1 (Kat. 1)	Stock	NEOGEN Veratox® HS Quantitative Aflatoxin High Sensitivity Test V-AflaHS-ENSP_1208	: 2017-11	Quantitative Aflatoxin high sensitivity test	
1.4.3.2 (Kat. 1)				Determination of allergens by ELISA *	
1.4.3.2 (Kat. 1)	Stock	AgraQuant® Plus Macadamia nut	: 2019-08	Enzyme immunoassay for quantitative determination of Macadamia nut	
1.4.3.2 (Kat. 1)	Stock	AgraQuant® Plus Pistachio	: 2019-08	Enzyme immunoassay for quantitative determination of Pistachio	
1.4.3.2 (Kat. 1)	Flex. List	AgraQuant® Walnut	: 2019-06	Enzyme immunoassay for quantitative determination of Walnut	
1.4.3.2 (Kat. 1)	Stock	NEOGEN Veratox® for Gliadin R5 V-Gliadin R5_0114 ENSP	: 2018-11	Quantitative Determination of Gliadin /Gluten	
1.4.3.2 (Kat. 1)	Stock	r-biopharm RIDASCREEN® FAST Casein	: 2019-05	Enzyme immunoassay for the quantitative determination of casein	
1.4.3.2 (Kat. 1)	Stock	r-biopharm RIDASCREEN® FAST Crustacean	: 2018-04	Enzyme immunoassay for the quantitative determination of crustacean	
1.4.3.2 (Kat. 1)	Flex. List	r-biopharm RIDASCREEN® FAST Ei/Egg Protein	: 2021-06	Enzyme immunoassay for the quantitative determination of whole egg (-powder)	
1.4.3.2 (Kat. 1)	Flex. List	r-biopharm RIDASCREEN® FAST Hazelnut	: 2021-03	Enzyme immunoassay for the quantitative determination of Hazelnut	
1.4.3.2 (Kat. 1)	Stock	r-biopharm RIDASCREEN® FAST Lupine	: 2018-04	Enzyme immunoassay for the quantitative determination of lupine proteins	
1.4.3.2 (Kat. 1)	Stock	r-biopharm RIDASCREEN® FAST Mandel/Almond	: 2019-04	Enzyme immunoassay for the quantitative determination of almond	
1.4.3.2 (Kat. 1)	Stock	r-biopharm RIDASCREEN® FAST Senf/Mustard	: 2018-04	Enzyme immunoassay for the quantitative determination of mustard	
1.4.3.2 (Kat. 1)	Stock	r-biopharm RIDASCREEN® FAST Sesame	: 2018-04	Enzyme immunoassay for the quantitative determination of sesame	
1.4.3.2 (Kat. 1)	Stock	r-biopharm RIDASCREEN® FAST Soya	: 2018-04	Enzyme immunoassay for the quantitative determination of soya proteins	
1.4.3.2 (Kat. 1)	Stock	r-biopharm RIDASCREEN® FAST β-Lactoglobulin	: 2018-04	Enzyme immunoassay for the quantitative determination of β-Lactoglobulin	
1.4.3.2 (Kat. 1)	Flex. List	r-biopharm RIDASCREEN® Peanut	: 2021-12	Enzyme immunoassay for the quantitative determination of peanut or peanut proteins	

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Chapter	Status	Method	Issue	Title of the method	Modification
1.4.3.3 (Kat. 1)				Determination of veterinary drugs and hormones in milk or milk powder by ELISA *	
1.4.3.3 (Kat. 1)	Flex. List	RANDOX Quinolones ELISA	: 2020-10	Quinolones ELISA, quantitative in vitro determination	
1.4.3.3 (Kat. 1)	Stock	RANDOX β -Agonist ELISA	: 2016-05	Quantitative Determination of β -Agonists	
1.4.3.3 (Kat. 1)	Flex. List	r-biopharm RIDASCREEN® Chloramphenicol	: 2021-02	Enzyme immunoassay for the quantitative determination of chloramphenicol	
1.4.3.3 (Kat. 1)	Stock	r-biopharm RIDASCREEN® Streptomycin	: 2018-04	Enzyme immunoassay for the quantitative determination of streptomycin	
1.4.3.3 (Kat. 1)	Flex. List	r-biopharm RIDASCREEN® Sulfamethazin	: 2021-01	Enzyme immunoassay for the quantitative determination of sulfamethazin	
1.4.3.3 (Kat. 1)	Stock	r-biopharm RIDASCREEN® Tetracyclin	: 2018-04	Enzyme immunoassay for the quantitative determination of tetracycline	
1.4.4 (Kat. 3)				Determination of the variety of plants by gel electrophoresis	
1.4.4 (Kat. 3)	Flex. List	MP-01207-DE	: 2022-03	Varietal identity of potatoes	
1.4.5 (Kat. 2)				Determination of the species of organisms by DNA sequencing **	
1.4.5 (Kat. 2)	Stock	ASU L 10.00-12	: 2012-07	Analysis of foodstuffs - determination of fish species in raw fish and fish products by sequence analysis of cytochrome b sequences	
1.4.5 (Kat. 2)	Flex. List	MP-01617-DE	: 2022-03	Determination of fish and tuna species by DNA sequence determination	
2				Investigations of environmental samples, equipment and commodities from the food and feed sector	
2.1 (Kat. 2)				Qualitative and quantitative detection of bacteria, yeasts and moulds by cultural microbiological methods **	
2.1 (Kat. 2)	Flex. List	BIO-RAD RAPID Enterobacteriaceae®, BRD 07/24-11/13	: 2018-03	Enumeration of Enterobacteriaceae in all human food, feed and environmental samples (validated alternativ method; reference method NF EN ISO 21528-2:2001)	
2.1 (Kat. 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	Modification during counting of thermophilic microorganisms: incubation at 55°C
2.1 (Kat. 2)	Flex. List	DIN EN ISO 6888-1	: 2003-12 (mod.)	Microbiology of food and animal feeding stuffs - Horizontal method for the enumeration of coagulase-positive staphylococci (Staphylococcus aureus and other species) - Part 1: Technique using Baird-Parker agar medium	Confirmation of the coagulase reaction with Baird Parker Rabbit Plasma Fibrinogen Agar
2.1 (Kat. 2)	Flex. List	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
2.1 (Kat. 2)	Flex. List	DIN ISO 16649-2	: 2020-12 (mod.)	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)	Matrix extension to environmental controls; enumeration of β -glucuronidase-positive Escherichia coli from paddles by Hygicult E/ β -Gur
2.1 (Kat. 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.	
2.1 (Kat. 2)	Stock	ISO 10272-2	: 2017-06	Microbiology of the food chain - Horizontal method for detection and enumeration of Campylobacter spp. - Part 2: Colony-count technique	
2.1 (Kat. 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	
2.1 (Kat. 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	
2.1 (Kat. 2)	Stock	ISO 21528-1	: 2017-06 (mod.)	Microbiology of the food chain - Horizontal method for the detection and enumeration of Enterobacteriaceae - Part 1: Detection of Enterobacteriaceae	Extension to surfaces by swabbing
2.1 (Kat. 2)	Flex. List	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
2.1 (Kat. 2)	Stock	Nordisk Metodkommitté för Livsmedel (NMKL) No. 71, 5.ed	: 1999 (mod.)	Salmonella. Detection in foods	Extension to matrix feed, confirmation using MALDI-TOF, extension to environmental controls
2.1 (Kat. 2)	Stock	MP-00087-DE	: 2021-01	Determination of the surface microbial content with the provided swab systems (Paddle and Rodac)	
2.1 (Kat. 2)	Stock	MP-00098-DE	: 2021-02	Microbiological examination of surfaces with gel swabs (direct smear) for total bacterial count and Enterobacteriaceae	
2.1 (Kat. 2)	Stock	MP-02380-DE	: 2020-10	Detection of Listeria spp. and L. monocytogenes and quantification of L. monocytogenes using RAPID L.mono-Agar® in food and environmental samples	
		corresponds to:			
		BIO-RAD RAPID L.mono®, NordVal 022	: 2020-05	Detection and enumeration of Listeria monocytogenes and the detection of Listeria spp. In foods and environmental samples (validated alternativ method; reference method EN ISO 11290-2:2017)	
		BIO-RAD RAPID L.mono®, BRD 07/04-09/98	: 2019-09	Detection of Listeria monocytogenes an other species of the genus Listeria in all human food products and industrial environmental samples (validated alternativ method; reference method NF EN ISO 11290-1:2017)	
2.2 (Kat. 3)				Detection of salmonellae by real-time PCR	
2.2 (Kat. 3)	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 surface
2.3 (Kat. 2)				Identification and typing of bacteria by MALDI-ToF **	
2.3 (Kat. 2)	Stock	AOAC 2017.10	: 2017	Confirmation and identification of Listeria monocytogenes, Listeria species and other gram-positive organisms	
2.3 (Kat. 2)	Flex. List	MP-01115-DE	: 2022-03	Identification of Gram-negative bacteria by MALDI-ToF	

List of all testing methods within the flexible scope of accreditation

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Chapter	Status	Method	Issue	Title of the method	Modification
2.4 (Kat. 1)				Determination of allergens by ELISA **	
2.4 (Kat. 1)	Stock	AgraQuant® Plus Macadamia nut	: 2019-08	Enzyme immunoassay for quantitative determination of Macadamia nut	
2.4 (Kat. 1)	Stock	AgraQuant® Plus Pistachio	: 2019-08	Enzyme immunoassay for quantitative determination of Pistachio	
2.4 (Kat. 1)	Flex. List	AgraQuant® Walnut	: 2019-06	Enzyme immunoassay for quantitative determination of Walnut	
2.4 (Kat. 1)	Stock	NEOGEN Veratox® for Gliadin R5 V- Gliadin R5 0114 ENSP	: 2018-11	Quantitative Determination of Gliadin /Gluten	
2.4 (Kat. 1)	Stock	r-biopharm RIDASCREEN® FAST Casein	: 2019-05	Enzyme immunoassay for the quantitative determination of casein	
2.4 (Kat. 1)	Stock	r-biopharm RIDASCREEN® FAST Crustacean	: 2018-04	Enzyme immunoassay for the quantitative determination of crustacean	
2.4 (Kat. 1)	Flex. List	r-biopharm RIDASCREEN® FAST Ei/Egg Protein	: 2021-06	Enzyme immunoassay for the quantitative determination of whole egg (-powder)	
2.4 (Kat. 1)	Flex. List	r-biopharm RIDASCREEN® FAST Hazelnut	: 2021-03	Enzyme immunoassay for the quantitative determination of Hazelnut	
2.4 (Kat. 1)	Stock	r-biopharm RIDASCREEN® FAST Lupine	: 2018-04	Enzyme immunoassay for the quantitative determination of lupine proteins	
2.4 (Kat. 1)	Stock	r-biopharm RIDASCREEN® FAST Mandel/Almond	: 2019-04	Enzyme immunoassay for the quantitative determination of almond	
2.4 (Kat. 1)	Stock	r-biopharm RIDASCREEN® FAST Senf/Mustard	: 2018-04	Enzyme immunoassay for the quantitative determination of mustard	
2.4 (Kat. 1)	Stock	r-biopharm RIDASCREEN® FAST Sesame	: 2018-04	Enzyme immunoassay for the quantitative determination of sesame	
2.4 (Kat. 1)	Stock	r-biopharm RIDASCREEN® FAST Soya	: 2018-04	Enzyme immunoassay for the quantitative determination of soya proteins	
2.4 (Kat. 1)	Stock	r-biopharm RIDASCREEN® FAST β-Lactoglobulin	: 2018-04	Enzyme immunoassay for the quantitative determination of β-Lactoglobulin	
2.4 (Kat. 1)	Flex. List	r-biopharm RIDASCREEN® Peanut	: 2021-12	Enzyme immunoassay for the quantitative determination of peanut or peanut proteins	
2.5 (Kat. 3)				Determination of allergens by real-time PCR	
2.5 (Kat. 3)	Flex. List	MP-01541-DE	: 2022-03	Analysis of food and surface samples for the presence of a specific DNA sequence of celery by real-time PCR	
3				Analyses of fertilisers	
3.1 (Kat. 3)				Sample preparation	
3.1 (Kat. 3)	Stock	VDLUFA II.1, 4.1.2	: 2004	Determination of formic acid soluble phosphate, extraction	
3.1 (Kat. 3)	Stock	VDLUFA II.1, 4.1.3	: 1995	Determination of citric acid soluble phosphate, extraction	
3.1 (Kat. 3)	Stock	VDLUFA II.1, 4.1.5	: 1995	Determination of alkaline ammonium citrate soluble phosphate according to Petermann, extraction	
3.1 (Kat. 3)	Stock	VDLUFA II.1, 4.1.7	: 1995	Determination of water-soluble phosphate, extraction	
3.1 (Kat. 3)	Stock	VDLUFA II.1, 5.1.2	: 1995	Determination of potassium soluble in mineral acids, preparation of the analysis solution	
3.1 (Kat. 3)	Stock	VDLUFA II.1, 5.1.3	: 1995	Determination of total potassium, preparation of analytical solution	
3.1 (Kat. 3)	Stock	VDLUFA II.1, 6.1.1	: 2004	Determination of calcium soluble in mineral acids: Preparation of analytical solutions	
3.1 (Kat. 3)	Stock	VDLUFA II.1, 6.1.2	: 2004	Determination of total calcium in fertilisers with organic components: Preparation of analytical solutions	
3.1 (Kat. 3)	Stock	VDLUFA II.1, 6.1.3	: 1999	Determination of water-soluble calcium in mineral fertilisers:Preparation of analytical solutions	
3.1 (Kat. 3)	Stock	VDLUFA II.1, 9.5.1	: 2004	Digestion with aqua regia	
3.1 (Kat. 3)	Stock	VO(EG) 2003/2003, IV, 3.1.1	: 2003-2	Extraction of phosphorus soluble in mineral acids	
3.1 (Kat. 3)	Stock	VO(EG) 2003/2003, IV, 3.1.2	: 2003-3	Extraction of phosphorus soluble in 2% formic acid	
3.1 (Kat. 3)	Stock	VO(EG) 2003/2003, IV, 3.1.3	: 2003-4	Extraction of phosphorus soluble in 2% citric acid	
3.1 (Kat. 3)	Stock	VO(EG) 2003/2003, IV, 3.1.4	: 2003-5	Extraction of phosphorus soluble in neutral ammonium citrate	
3.1 (Kat. 3)	Stock	VO(EG) 2003/2003, IV, 3.1.5.2	: 2003-6	Extraction of phosphorus soluble at room temperature to Petermann	
3.1 (Kat. 3)	Stock	VO(EG) 2003/2003, IV, 3.1.6	: 2003-7	Extraction of water-soluble phosphorus	
3.1 (Kat. 3)	Stock	VO(EG) 2003/2003, IV, 8.1	: 2003-8	Extraction of total calcium, total magnesium and total sodium and total sulphur in the form of sulphate	
3.1 (Kat. 3)	Stock	VO(EG) 2003/2003, IV, 8.3	: 2003-9	Extraction of water-soluble calcium, magnesium and sodium and sulphur (in the form of sulphate)	
3.1 (Kat. 3)	Stock	VO(EG) 2003/2003, IV, 9.1	: 2003-10	Extraction of total trace elements	
3.1 (Kat. 3)	Stock	VO(EG) 2003/2003, IV, 10.2	: 2003-1	Extraction of water-soluble micro-nutrients	
3.2 (Kat. 3)				Physico-chemical characteristics	
3.2 (Kat. 3)	Stock	DIN EN 12176 (withdrawn)	: 1998-06	Characterization of sludge - Determination of pH-value; German version EN 12176:1998	
3.2 (Kat. 3)	Stock	DIN EN 12880	: 2001-02	Characterization of sludges - Determination of dry residue and water content; German version EN 12880:2000	
3.2 (Kat. 3)	Stock	VDLUFA II.1, 6.3.1	: 2008	Determination of the basic active ingredients in lime fertilisers	
3.2 (Kat. 3)	Stock	VDLUFA II.1, 6.4	: 1995	Determination of the reactivity of carbonated agricultural limes	

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Chapter	Status	Method	Issue	Title of the method	Modification
3.2 (Kat. 3)	Stock	VDLUFA II.1, 6.5.1	: 2008	Determination of the screening passage of fertilisers, dry process	
3.2 (Kat. 3)	Stock	VDLUFA II.1, 6.5.2	: 1995	Determination of the screening passage of moist or wet lumped fertilisers, wet process	
3.2 (Kat. 3)	Stock	VDLUFA II.1, 10.1	: 1999	Determination of annealing loss	
3.3 (Kat. 3)				Inorganic chemical parameters	
3.3 (Kat. 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	
3.3 (Kat. 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
3.3 (Kat. 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
3.3 (Kat. 3)	Stock	VDLUFA II.1, 3.2.1	: 1995	Determination of ammonium nitrogen	
3.3 (Kat. 3)	Stock	VDLUFA II.1, 3.4.1	: 1995	Determination of nitrate-nitrogen	
3.3 (Kat. 3)	Stock	VDLUFA II.1, 3.5.2.3	: 2004	Determination of total nitrogen in the presence of nitrate-nitrogen, reduction of the nitrate fraction with iron powder and tin(II) chloride.	
3.3 (Kat. 3)	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	
3.3 (Kat. 3)	Stock	VDLUFA II.1, 4.2.2	: 1995	Determination of phosphate in solutions and extracts	
3.3 (Kat. 3)	Stock	VDLUFA II.1, 5.2.1	: 2004	Determination of potassium (gravimetric method with sodium tetraphenylborate)	
3.3 (Kat. 3)	Stock	VDLUFA II.1, 8.10	: 2007	Determination of micronutrients in fertiliser extracts: ICP-OES Method	
3.3 (Kat. 3)	Stock	VO(EG) 2003/2003, IV, 2.1	: 2003-10	Determination of ammonium nitrogen	
3.3 (Kat. 3)	Stock	VO(EG) 2003/2003, IV, 2.3.2	: 2003-10	Determination of total nitrogen in nitrate-containing calcium cyanamide	
3.3 (Kat. 3)	Stock	VO(EG) 2003/2003, IV, 3.2	: 2003-10	Determination of phosphorus in extracts (gravimetrically as quinolinium molybdatophosphate)	
3.3 (Kat. 3)	Stock	VO(EG) 2003/2003, IV, 4.1	: 2003-10	Determination of water-soluble potassium	
4 (Kat. 3)				Measurements of radioactivity and individual nuclides in water, soil, waste and food, animals and plants as indicators (without sampling)	
4 (Kat. 3)	Stock	ASU L 00.00-14	: 1986-11	Analysis of foodstuffs; Measurement of radioactivity in food	
4 (Kat. 3)	Stock	A-γ-SPEKT-NIEDE-01	: 2000-10	Method for the gamma spectrometric determination of radionuclides in precipitation	
4 (Kat. 3)	Stock	C-H-3-OWASS-01	: 1993-12	Method for the determination of the tritium concentration in surface water	
4 (Kat. 3)	Stock	C-γ-SPEKT-OWASS-01	: 1993-12	Method for the gamma spectrometric determination of radionuclides in surface water	
4 (Kat. 3)	Stock	C-γ-SPEKT-SCHWE-01	: 1993-12	Method for the gamma spectrometric determination of radionuclides in suspended matter samples	
4 (Kat. 3)	Stock	C-γ-SPEKT-SEDIM-01	: 1993-12	Method for the gamma spectrometric determination of radionuclides in sediment samples	
4 (Kat. 3)	Stock	E-γ-SPEKT-LEBM-01	: 1997-05	Method for the gamma spectrometric determination of radionuclides in foodstuffs	
4 (Kat. 3)	Stock	F-I-131-Milch-01	: 1992-09	Method for the determination of low activity concentrations of iodine-131 in fresh milk by enrichment on an anion exchange column and subsequent gamma spectrometric measurement	
4 (Kat. 3)	Stock	F-Sr-90-BODEN-03	: 2013-04	(mod.) Method for the determination of the specific activity of strontium-90 in soil with the liquid scintillation spectrometer (dicyclohexyl-18-crown-6 method)	Extension: matrix food and feed; Modification: Determination of chemical yield
4 (Kat. 3)	Stock	F-γ-SPEKT-BODEN-01	: 1998-11	Method for the gamma spectrometric determination of radionuclides in soil samples	
4 (Kat. 3)	Stock	F-γ-SPEKT-FUMI-01	: 1998-11	Method for the gamma spectrometric determination of radionuclides in samples of feed and feed raw materials	
4 (Kat. 3)	Stock	F-γ-SPEKT-MILCH-01	: 1992-09	Method for the gamma spectrometric determination of radionuclides in milk samples	
4 (Kat. 3)	Stock	F-γ-SPEKT-MIPRO-01	: 1992-09	Method for the gamma spectrometric determination of radionuclides in cheese samples (imports)	
4 (Kat. 3)	Stock	F-γ-SPEKT-PFLAN-01	: 1998-11	Method for the gamma spectrometric determination of radionuclides in plant samples (indicators)	
4 (Kat. 3)	Stock	G-γ-SPEKT-FISCH-02	: 2015-11	Method for the gamma spectrometric determination of radionuclides in fish and fish products	
4 (Kat. 3)	Stock	G-γ-SPEKT-KRUST-02	: 1992-09	Method for the gamma spectrometric determination of radionuclides in crustaceans (shrimps)	
4 (Kat. 3)	Stock	G-γ-SPEKT-SCHAL-02	: 1992-09	Method for the gamma spectrometric determination of radionuclides in shellfish (mussels)	
4 (Kat. 3)	Stock	H-H-3-AWASS-01	: 2000-09	Method for the determination of tritium in waste water	
4 (Kat. 3)	Stock	H-α-GESAMT-TWASS-02	: 2009-01	(mod.) Rapid procedure for determining the gross alpha activity concentration in drinking water	reprocessing
4 (Kat. 3)	Stock	H-γ-SPEKT-AWASS-01	: 2000-10	Method for the gamma spectrometric determination of radionuclides in waste water	
4 (Kat. 3)	Stock	H-γ-SPEKT-KLAER-01	: 1992-09	Method for the gamma spectrometric determination of radionuclides in sewage sludge	
4 (Kat. 3)	Stock	H-γ-SPEKT-RESAB-01	: 1992-09	Method for the gamma spectrometric determination of radionuclides in groundwater/seepage water of domestic waste landfills	
4 (Kat. 3)	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	
4 (Kat. 3)	Stock	H-γ-SPEKT-RESAB-04	: 1992-09	Method for the gamma spectrometric determination of radionuclides in compost from composting plants	
4 (Kat. 3)	Stock	H-γ-SPEKT-TWASS-01	: 1992-09	(mod.) Method for the gamma spectrometric determination of radionuclides in drinking water and groundwater	Determination of Ra-226 and Ra-228 by acidification of the sample and filtration from the filter residue
5 (Kat. 3)				Analysis in accordance with the Drinking Water Ordinance - TrinkwV -	
5 (Kat. 3)	Stock	C-H-3-OWASS-01	: 1993-12	Method for the determination of the tritium concentration in surface water	
5 (Kat. 3)	Stock	H-Rn-222-TWASS-01	: 1994-12	Rapid method for the determination of radon-222 in drinking water	
5 (Kat. 3)	Stock	H-α-GESAMT-TWASS-02	: 2009-01	(mod.) Rapid procedure for determining the gross alpha activity concentration in drinking water	reprocessing
5 (Kat. 3)	Stock	H-γ-SPEKT-TWASS-01	: 1992-09	(mod.) Method for the gamma spectrometric determination of radionuclides in drinking water and groundwater	Determination of Ra-226 and Ra-228 by acidification of the sample and filtration from the filter residue