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BU	Flexibility	Chapter	Annex DAkkS Method	Year date of Method	Lab Internal TP No.	TP Title	Version No.	Issue Date
MB	I	1.1	Microbiology of food and animal feeding stuffs - Horizontal method for the detection and enumeration of coliforms - Most probable number technique	ISO 4831 2006-08	ESS-TP-3135	ENUMERATION OF COLIFORMS MOST PROBABLE NUMBER TECHNIQUE (ISO)	01	2020.03.30
MB	I	1.1	Microbiology of food and animal feeding stuffs - Horizontal method for the enumeration of coliforms - Colony-count technique	ISO 4832 2006-02	ESS-TP-2918	Microbiology-Enumeration of coliforms-Colony-count technique	08	2022.11.03
MB	I	1.1	Microbiology of the food chain -- Horizontal method for the enumeration of microorganisms - Colony-count technique at 30 °C	ISO 4833-1 2013-09	ESS-TP-0548	Aerobic plate Count	02	2020.10.13
MB	I	1.1	Microbiology of the food chain - Horizontal method for the detection, enumeration and serotyping of Salmonella - Part 1: Detection of Salmonella spp. (Modification: also higher weight of samples)	ISO 6579-1 2017-02	ESS-TP-3184	Detection of salmonella species (Modification：weight)	09	2023.01.06
MB	I	1.1	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 2021-08	ESS-TP-3273	Enumeration of cougulase postive staphyloccoci	09	2023.06.16
MB	I	1.1	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 2003-03	ESS-TP-5581	Detection of coagulase-positive staphylococci	01	2019.08.14
MB	I	1.1	Microbiology of food and animal feeding stuffs - Horizontal method for the detection and enumeration of presumptive Escherichia coli - Most probable number technique	ISO 7251 2005-02	ESS-TP-3263	Detection and enumeration of presumptive E coli -MPN technique	07	2018.08.31
MB	I	1.1	Microbiology of food and animal feeding stuffs - Horizontal method for the enumeration of presumptive Bacillus cereus - Colony-count technique at 30 °C	ISO 7932 2004-06	ESS-TP-1451	Bacilius cereus count	01	2019.04.29
MB	I	1.1	Microbiology of food and animal feeding stuffs - Horizontal method for the enumeration of Clostridium perfringens - Colony-count technique	ISO 7937 2004-08	ESS-TP-4155	Enumeration of Clostridium perfringens	04	2018.09.28
MB	I	1.1	Microbiology of the food chain – Horizontal method for the detection and enumeration of Campylobacter spp. – Part 1: Detection method.	ISO 10272-1 2017-06	ESS-TP-3278	Detection of Campylobacter spp.	03	2023.03.13
MB	I	1.1	Microbiology of the food chain – Horizontal method for the detection and enumeration of Campylobacter spp. – Part 2: Colony-count technique	ISO 10272-2 2017-06	ESS-TP-3070	ENUMERATION OF CAMPYLOBACTER SPP.(ISO)	04	2023.03.10
MB	I	1.1	Microbiology of the food chain – Horizontal method for the detection and enumeration of Listeria monocytogenes and Listeria spp. – Part 1: Detection method	ISO 11290-1 2017-05	ESS-TP-3196	Detection of listeria spp.and listeria monocytogenes (Modification：weight)	08	2023.01.06
MB	I	1.1	Microbiology of the food chain – Horizontal method for the detection and enumeration of Listeria monocytogenes and Listeria spp. – Part 2: Enumeration method	ISO 11290-2 2017-05	ESS-TP-2221	ENUMERATION OF LISTERIA SPP. & LISTERIA MONOCYTOGENES (ISO)	07	2023.01.06
MB	I	1.1	Meat and meat products - Enumeration of presumptive Pseudomonas spp.	ISO 13720 2010-08	ESS-TP-3072	Microbiology-Detection and rnumeration of Pseudomonas spp. and Pesudomonas aeruginosa	04	2022.11.17

MB	I	1.1	Microbiology of the food chain — Horizontal method for the detection and enumeration of Clostridium spp. — Part 1: Enumeration of sulfite-reducing Clostridium spp. by colony-count technique	ISO 15213-1:2023	ESS-TP-3012	Enumeration of Sulfite-reducing Clostridium spp.	03	2023.06.16
MB	I	1.1	Microbiology of food and animal feeding stuffs - Horizontal method for the enumeration of mesophilic lactic acid bacteria - Colony-count technique at 30 °C	ISO 15214 1998-08	ESS-TP-3011	Enumeration of Mesophilic lactic acid bacteria	02	2022.11.03
MB	I	1.1	Microbiology of food and animal feeding stuffs -- Horizontal method for the enumeration of beta-glucuronidase-positive Escherichia coli -- Part 2: Colony-count technique at 44 degrees C using 5-bromo-4-chloro-3-indolyl beta-D-glucuronide	ISO 16649-2 2001-04	ESS-TP-2190	Enumeration of Escherichia coli-Colony-count technique	07	2022.03.02
MB	I	1.1	Microbiology of the food chain — Horizontal method for the enumeration of beta-glucuronidase-positive Escherichia coli — Part 3:Detection and most probable number technique using 5-bromo-4-chloro-3-indolyl-ß-D-glucuronide	ISO 16649-3 2015-05	ESS-TP-4599	Detection of E.coli	01	2019.02.18
MB	I	1.1	Microbiology of food and animal feeding stuffs - Horizontal method for the detection of Escherichia coli 0157	ISO 16654 2001-05	ESS-TP-3264	Detection of Escherichia coli O157 (Modification：weight)	03	2023.03.03
MB	I	1.1	Microbiology of the food chain – Horizontal method for the detection and enumeration of Enterobacteriaceae – Part 2: Colony-count technique	ISO 21528-1 2017-06	ESS-TP-2567	Detection and enumeration of Enterobacteriaceae-MPN technique (Modification：weight)	08	2023.01.06
MB	I	1.1	Microbiology of the food chain – Horizontal method for the detection and enumeration of Enterobacteriaceae – Part 2: Colony-count technique	ISO 21528-2 2017-06	ESS-TP-2188	Detection and enumeration of Enterobacteriaceae-Colony-count method	07	2023.01.06
MB	I	1.1	Microbiology of food and animal feeding stuffs - Horizontal method for the detection of Shigella spp.	ISO 21567 2004-11	ESS-TP-3282	Detection of Shigella spp.	04	2023.03.03
MB	I	1.1	Microbiology of the food chain – Horizontal method for the determination of Vibrio spp. – Part 1: Detection of potentially enteropathogenic Vibrio parahaemolyticus, Vibrio cholera and Vibrio vulnificus	ISO 21872-1 2017-06	ESS-TP-1449	Detection of Vibrio parahaemolyticus and Vibrio cholerae	05	2023.01.06
MB	I	1.1	Microbiology of the food chain – Horizontal method for the detection of Cronobacter spp	ISO 22964 2017-04	ESS-TP-3258	Detection of Connbacter spp.	04	2023.01.11
MB	I	1.1	National food safety standard Food microbiological examination:Aerobic plate count	GB 4789.2-2022	ESS-TP-2726	Microbiology- enumeration of microrganisms (Modification：temperature)	09	2022.12.15
MB	I	1.1	National food safety standard Food microbiological examination:Enumeration of coliforms	GB 4789.3-2016 2017-06	ESS-TP-2717	Detection and Enumeration of Coliforms - Most Probable Number (MPN)Technique	09	2022.06.29
MB	I	1.1	National food safety standard Food microbiological examination:Salmonella	GB 4789.4-2016 2017-06	ESS-TP-2721	Detection of salmonella species (Modification：weight)	09	2022.07.14
MB	I	1.1	National food safety standard-Food microbiological examination: Shigella spp.	GB 4789.5-2012 2012-07	ESS-TP-3286	Detection Of Shigella spp.	04	2023.03.03
MB	I	1.1	National food safety standard-Food microbiological examination: Vibrio parahaemolyticus	GB 4789.7-2013 2014-06	ESS-TP-3228	Detection of Vibrio parahaemolyticus and Vibrio cholerae	05	2023.01.11
MB	I	1.1	National food safety standard-Food microbiological examination: Campylobacter jejuni	GB 4789.9-2014 2015-05	ESS-TP-7099	Microbiology-Detection of Campylobacter spp.	01	2020.09.18
MB	I	1.1	National food safety standard-Food microbiological examination: Staphylococcus aureus	GB 4789.10-2016 2017-06	ESS-TP-2719	Detection and Enumeration of cougulase postive staphyloccoci	08	2022.07.13

MB	I	1.1	National food safety standard-Food microbiological examination: β-Streptococcus hemolyticus	GB 4789.11-2014 2015-05	ESS-TP-1450	DETECTION OF βSTREPTOCOCCUS HEMOLYTICUSCUS	01	2020.03.30
MB	I	1.1	National food safety standard-Food microbiological examination: Clostridium perfringens	GB 4789.13-2012 2012-07	ESS-TP-4157	Enumeration of Clostridium perfringens	04	2018.09.25
MB	I	1.1	National food safety standard-Food microbiological examination: Bacillus cereus	GB 4789.14-2014 2015-05	ESS-TP-7088	Bacilius cereus count	01	2020.09.08
MB	I	1.1	National food safety standard-Food microbiological examination: Determination of commercial sterility	GB 4789.26 2013-11	ESS-TP-1455	COMMERCIAL STERILITY TEST	03	2021.10.13
MB	I	1.1	National food safety standard Food microbiological examination:Listeria monocytogenes	GB 4789.30-2016 2017-06	ESS-TP-2723	Detection of listeria spp.and listeria monocytogenes	08	2022.07.14
MB	I	1.1	National food safety standard Food microbiological examination:Lactic acid bacteria	GB 4789.35 2017-06	ESS-TP-2725	Enumeration of Mesophilic lactic acid bacteria	04	2022.05.30
MB	I	1.1	Microbiological examination of food hygiene.Examination of Escherichia coli O157:H7/NM	GB/T 4789.36-2016 2017-06	ESS-TP-2722	Detection of Escherichia coli O157	03	2022.07.14
MB	I	1.1	National food safety standard-Food microbiological examination: Enumeration of Escherichia coli	GB 4789.38-2012 2012-07	ESS-TP-3261	Detection and enumeration of presumptive escherichia coli-MPN technique	07	2018.08.31
MB	I	1.1	National food safety standard-Food microbiological examination: Enumeration of Fecal Coliforms	GB 4789.39-2013 2014-06	ESS-TP-3284	Thermotolerant coliform(NMKL 125 4th ed 2005 GBT 4789 39-2013)	01	2019.09.11
MB	I	1.1	National food safety standard Food microbiological examination:Enterobacter sakazakii	GB 4789.40-2016 2017-06	ESS-TP-2709	Detection and enumeration of Enterobacter sakazakii	04	2022.06.29
MB	I	1.1	National Food Safety Standard Food Microbiology Examination: Enterobacteriaceae (Modification: here only plate count method and MPN method)	GB 4789.41-2016 2017-03	ESS-TP-2424	ENTEROBACTERIACEAE （GB PLATE COUNT METHOD)	03	2022.06.29
MB	I	1.1	Examination of bacterial count in feeds	GB/T 13093-2006 2007-03	ESS-TP-1456	Examination of Bacterial Count in Feeds	01	2022.03.02
MB	I	1.1	Microbiology - Detection and enumeration of Pseudomonas spp. and Pseudomonas aeruginosa	CRA IX-A-1 2007-01	ESS-TP-6647	Microbiology-Detection and rnumeration of Pseudomonas spp. and Pesudomonas aeruginosa	01	2020.04.22
MB	I	1.1	Bacteriological Analytical Manual, Chapter 3: Aerobic Plate Count	FDA-BAM Chapter 3 2001-01	ESS-TP-9514	Microbiology- Enumeration of microrganisms	01	2022.05.06
MB	I	1.1	Bacteriological Analytical Manual, Chapter 4: Enumeration of Escherichia coli and the Coliform Bacteria	FDA-BAM Chapter 4 2020-10	ESS-TP-2926	Detection and Enumeration of Coliforms - Most Probable Number (MPN)Technique	09	2022.11.03
					ESS-TP-3180	Detection and enumeration of presumptive escherichia coli-MPN technique	06	2018.08.31
MB	I	1.1	Bacteriological Analytical Manual, Chapter 5: Salmonella	FDA BAM Chapter 5 ,2023	ESS-TP-1445	Detection of salmonella species	204	2023.06.06
MB	I	1.1	Bacteriological Analytical Manual, Chapter 10: Listeria monocytogenes	FDA-BAM Chapter 10,2022	ESS-TP-3274	Detection of Listeria monocytogenes	03	2022.12.15
MB	I	1.1	Bacteriological Analytical Manual, Chapter 12: Staphylococcus aureus	FDA-BAM Chapter 12 2016-03	ESS-TP-3267	Detection and Enumeration of cougulase postive staphyloccoci	07	2018.09.28
MB	I	1.1	Bacteriological Analytical Manual, Chapter 14: Bacillus cereus	FDA-BAM Chapter 14 2020.10	ESS-TP-7090	Bacilius cereus count	01	2020.09.08
MB	I	1.1	Microbiology - Enumeration of mesophilic anaerobic bacteria	APHA Compendium Chapter 6 2015-06	ESS-TP-4169	Enumeration of Mesophilic anaerobic bacteria	02	2018.09.28
MB	I	1.1	Microbiology - Enumeration of mesophilic aerobic sporeformers	APHA Compendium Chapter 23 2015-06	ESS-TP-4167	Enumeration of Mesophilic aerobic sporeformers	02	2018.09.28

MB	I	1.1	Microbiology - Enumeration of Mesophilic anaerobic sporeformers	APHA Compendium Chapter 24 2015-06	ESS-TP-4166	Enumeration of Mesophilic anaerobic sporeformers	02	2018.09.28
MB	I	1.1	Microbiology - Enumeration of thermophilic aerobic sporeformers	APHA Compendium Chapter 26 2015-06	ESS-TP-4170	Enumeration of Thermophilic aerobic sporeformers	02	2018.09.28
MB	I	1.1	Microbiology - Detection of Thermophilic anaerobic sporeformers	APHA Compendium Chapter 27 2015-06	ESS-TP-2569	DETECTION OF THERMOPHILIC ANAEROBIC SPOREFORMERS	03	2022.06.28
MB	I	1.1	Microbiology - Enumeration of sulfide spoilage sporeformers	APHA Compendium Chapter 28 2015-06	ESS-TP-2568	ENUMERATION OF SULFIDE SPOILAGE SPOREFORMERS	03	2022.06.28
MB	I	1.1	Coliform and Escherichia coli Counts in Foods. Dry Rehydratable Film (PetrifilmTM E. coli Count Plate and PetrifilmTM Coliform Count PlateTM) Methods	AOAC 991.14 1994	ESS-TP-4558	Coliform and Escherichia coli Counts in Foods - Dry Rehydratable Film method	01	2019.02.20
MB	I	1.1	Enumeration of Yeast and Mold in Food 3M™ Petrifilm™ Rapid Yeast and Mold Count Plate	AOAC Official Method 2014-05 2017	ESS-TP-6648	Enumeration of Yeast and Mold in Food 3M™ Petrifilm™ Rapid Yeast and Mold Count Plate	01	2020.04.22
MB	I	1.1	Determination of commercial sterility and the presence of viable microorganisms in canned foods	MFHPB-01 2001-03	ESS-TP-4173	COMMERCIAL STERILITY TEST	04	2019.03.28
MB	I	1.1	Thermotolerant coliform bacteria Enumeration in food and feed	NMKL 125, 4th ed. 2005	ESS-TP-3285	Enumeration of Thermotolerant coliform	01	2019.09.11
MB	I	1.1	Detection of Enterococci in food and water - Part 1: Method for plate count and MPN	SN/T 1933.1 2007-12	ESS-TP-3097	ENUMERATION OF ENTEROCOCCI	03	2023.01.06
MB	I	1.1	Determination of Pseudomonas aeruginosa in food for import and Export	SN/T 2099 2008-07	ESS-TP-5336	Determination of Pseudomonas aeruginosa in food for import and export	01	2019.08.14
MB	I	1.1	Method on the Detection and Enumeration of Acid-tolerant Spoilage Microorganisms of Fruits and Related Products	IFU Method No.02,2022	ESS-TP-3288	Detection and Enumeration of Acid-tolerant Spoilage Microorganisms of Fruits and Related Products	04	2023.06.16
MB	I	1.2	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	ISO 21527-1 2008-07	ESS-TP-1448	Enumeration of yeasts and moulds	01	2019.09.09
MB	I	1.2	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	ISO 21527-2 2008-07	ESS-TP-1448	Enumeration of yeasts and moulds	01	2019.09.09
MB	I	1.2	National food safety standard Food microbiological examination:Enumeration of moulds and yeasts	GB 4789.15-2016 2017-04	ESS-TP-2724	Microbiology-Enumeration of yeasts and moulds	09	2022.07.14
MB	I	1.2	Bacteriological Analytical Manual, Chapter 18: Yeasts, Molds and Mycotoxins	FDA-BAM Chapter 18 2001-01	ESS-TP-5922	Enumeration of yeasts and moulds	01	2019.09.10
MB	I	1.2	Microbiology - Enumeration of osmophilic yeasts	APHA Compendium Chapter 17 2015-06	ESS-TP-4174	Enumeration of osmophilic yeast	04	2020.10.28
MB	I	1.2	Microbiology - Enumeration of Heat-resistant moulds	APHA Compendium Chapter 22 2015-06	ESS-TP-3287	Total heat -Enumeration of Total Heat resistant mold APHA Compendium, Chapter 21	02	2018.09.28
MB	I	2	National food safety standard - Determination of pantothenic acid in foods	GB 5009.210-2016 2017-03	ESS-TP-3334	MICROBIOLOGICAL MICROTITER PLATE TEST TO QUANTITATE PANTOTHENIC ACID	04	2019.02.23
MB	I	2	National food safety standard - Determination of folic acid in foods	GB 5009.211-2022	ESS-TP-3337	MICROBIOLOGICAL MICROTITER PLATE TEST TO QUANTITATE FOLIC ACID	04	2023.06.16

MB	I	2	National Food Safety Standard Food Microbiology-Determination of biotin in food	GB 5009.259-2016 2017-03	ESS-TP-3335	MICROBIOLOGICAL MICROTITER PLATE TEST TO BIOTIN (Modification：KIT Method)	04	2019.02.23
MB	I	2	National food safety standard - Determination of vitamin B12 in foods for infants and young children, milk and milk products	GB 5009.285-2022	ESS-TP-3383	MICROBIOLOGICAL MICROTITER PLATE TEST TO QUANTITATE VB12	04	2023.03.13
MB	I	2	Microbiological method for the quantitative determination of total folic acid (added and natural folic acid) in food, animal feed and in pharmaceutical products (Limitation: here applied only for food)	R-Biopharm AG VitaFast®Folic Acid P1001 2016-10	ESS-TP-3337	MICROBIOLOGICAL MICROTITER PLATE TEST TO QUANTITATE FOLIC ACID	03	2019.02.23
MB	I	2	Microbiological method for the quantitative determination of total biotin (added and natural biotin) in food and pharmaceutical products (Limitation: here applied only for food)	R-Biopharm AG VitaFast®Biotin P1003 2021-05	ESS-TP-3335	MICROBIOLOGICAL MICROTITER PLATE TEST TO BIOTIN	04	2019.02.23
MB	I	2	R-Biopharm AG VitaFast®Vitamin B12 P1002 2017-02	R-Biopharm AG VitaFast®Vitamin B12 P1002 2017-02	ESS-TP-3383	MICROBIOLOGICAL MICROTITER PLATE TEST TO QUANTITATE VB12	03	2019.02.23
MB	I	2	R-Biopharm AG VitaFast®Pantothenic Acid P1005 2016-10	R-Biopharm AG VitaFast®Pantothenic Acid P1005 2016-10	ESS-TP-3334	MICROBIOLOGICAL MICROTITER PLATE TEST TO QUANTITATE PANTOTHENIC ACID	04	2019.02.23
Dairy	I	3	Enzyme immunoassay for the quantitative analysis of casein in food like ice cream, wine, chocolate, beverages, infant formula, bakery goods, sausages, cake and bread mix	R-Biopharm AG RIDASCREEN®FAST Casein R4612 2022-05-06	ESS-TP-1564	Casein in food using enzyme immunoassay	01	2021.06.04
Dairy	I	3	Enzyme immunoassay for the quantitative analysis of peanuts	RIDASCREEN Peanut R6811 2021.12.16	ESS-TP-1571	PEANUT IN FOOD USING ENZYME IMMUNOASSAY	01	2022.06.13
Dairy	I	3	Enzyme immunoassay for the quantitative analysis of contaminations by prolamins from wheat (gliadin), rye (secalin), and barley (hordein) in raw products like flours (buckwheat, rice, corn, oats, teff) and spices as well as in processed food like noodles, ready-to-serve meals, bakery products, sausages, beverages and ice cream (AOAC-OMA 2012.01; AACC1 38.50.01)	R-Biopharm AG RIDASCREEN® Gliadin R7001 2021-10	ESS-TP-1567	GLIADIN IN FOOD USING ENZYME IMMUNOASSAY	01	2022.06.29
Dairy	I	3	Enzyme immunoassay for the quantitative analysis of whole egg (-powder) in food like salad dressings, sausages, wines, baking-mixtures for cakes or bread and ice cream	R-Biopharm AG RIDASCREENFAST Ei/Egg Protein R6402 2022-05-06	ESS-TP-1566	EGG PROTEIN IN FOOD USING ENZYME IMMUNOASSAY	01	2022.03.12
Dairy	I	3	Enzyme immunoassay for the quantitative determination of Hazelnut	R-Biopharm RIDASCREEN®FAST Hazelnut R6802 2021 03	ESS-ED-4208	Enzyme immunoassay for the quantitative determination of hazelnut R6802 2021.03.12	N/A	N/A

Dairy	I	3	Enzyme immunoassay for the quantitative analysis of beta-lactoglobulin in rice crispies, choxolate, and sausage	R-Biopharm RIDASCREEN®FAST beta-lactoglobulin R4912 2017	ESS-ED-4190	Enzyme immunoassay for the quantitative analysis of β-Lactoglobulin	N/A	N/A
Dairy	I	3	Veratox for Soy Allergen quantitative test	Neogen 8410 Veratox®Soy Allergen Quantitative Test	ESS-ED-4192	Veratox for Soy Allergen	N/A	N/A
Dairy	I	3	Veratox for Total Milk Allergen quantitative test	Neogen 8470 Veratox® for Total Milk Allergen Quantitative Test	ESS-ED-4193	Veratox for Total Milk Allergen V-totalMilk_0418	N/A	N/A
FC		4.1	Animal and vegetable fats and oils - Gas chromatography of fatty acid methyl esters - Part 2: Preparation of methyl esters of fatty acids	ISO 12966-2 2017-03	ESS-TP-2505	DETERMINATION OF FATTY ACID PROFILE IN FOOD	04	2018.08.29
FC	I	4.2.1	Foodstuffs - Determination of aflatoxin B1 and the sum of aflatoxin B1, B2, G1 and G2 in hazelnuts, peanuts, pistachios, figs, and paprika powder - High performance liquid chromatographic method with post-column derivatisation and immunoaffinity column cleanup	DIN EN 14123 2008-03	ESS-TP-2559	Determination of Aflatoxin B1, B2, G1 and G2 in food	04	2023.08.25
FC	I	4.2.1	National food safety standard -- Determination of Aflatoxin B and G in foods	GB 5009.22-2016 Method 3 2017-06	ESS-TP-4022	Determination of Aflatoxin B and G in foods	02	2023.09.06
FC	I	4.2.1	Foodstuffs - Determination of ochratoxin A in barley and roasted coffee - HPLC method with immunoaffinity column clean-up	DIN EN 14132 2009-09	ESS-TP-0726	Determination of Ochratoxin A by HPLC	05	2019.02.15
FC	I	4.2.1	National food safety standard - Determination of total arsenic and abio-arsenic in food(Limitation: here determination of abio-arsenic only by LC-AFS)	GB 5009.11-2014 Chapter II, Method 1 2016-03	ESS-TP-3861	DETERMINATION OF INORGANIC ARSENIC IN FOOD BY LC-AFS	02	2023.08.30
FC	I	4.2.1	National food safety standard - Determination of Deoxynivalenol and its acetylated derivatives in food	GB 5009.111-2016 Method 2 2017-06	ESS-TP-5609	Determination of Deoxynivalenol in Foods	01	2019.10.25
FC	I	4.2.1	National food Safety standard-Determination of pantothenic acid in foods	GB 5009.210-2016 Method 2 2017-03	ESS-TP-1398	VITAMIN B5 (PANTOTHENIC ACID) IN DAIRY PRODUCTS BY HPLC	03	2022.06.29
FC	I	4.2.1	National food safety standard -- Determination of ochratoxin A in food	GB 5009.96-2016 Method 1 2017-06	ESS-TP-4303	Determination of ochratoxin A in food	01	2019.02.12
FC	I	4.2.1	Phenolic Antioxidants in Oils, Fats, and Butter Oil - Liquid Chromatographic Method	AOAC 983.15 1994	ESS-TP-2642	Determination of antioxidant by HPLC method	04	2022.05.09
FC	I	4.2.1	Foodstuffs - Determination of acesulfame-K, aspartame and saccharin - High performance liquid chromatographic method	BS EN 12856 1999-04	ESS-TP-2640	Determination of sweeteners by HPLC method	05	2022.08.09
FC	I	4.2.1	National food safety standard Determination if vitamin A, D and E in foods	GB 5009.82-2016 2017-06	ESS-TP-1431	DETERMINATION OF VITAMIN D BY HPLC	05	2023.08.25
FC	I	4.2.1	National food safety standard Determination of vitamin K1 in foods	GB 5009.158-2016 2017-06	ESS-TP-1389	VITAMIN K1 IN FOOD PRODUCTS BY HPLC	03	2020.11.26
FC	I	4.2.1	National food safety standard Determination of vitamin B1 in foods	GB 5009.84-2016 2017-03	ESS-TP-1363	VITAMIN B1 IN DAIRY PRODUCTS BY HPLC	04	2020.11.24
FC	I	4.2.1	National food safety standard Determination of vitamin B2 in foods	GB 5009.85-2016 2017-06	ESS-TP-1387	VITAMIN B2 IN DAIRY PRODUCTS BY HPLC	05	2023.08.25

FC	Ⅰ	4.2.1	National food safety standard Determination of vitamin B6 in foods	GB 5009.154-2016 2017-06	ESS-TP-1415	VITAMIN B6 (PYRIDOXINE AND PYRIDOXAL) IN DAIRY PRODUCTS BY HPLC	04	2020.11.24
FC	Ⅰ	4.2.1	National food safety standard Determination of vitamin niacin and niacinamide in foods	GB 5009.89-2016 2017-06	ESS-TP-1397	VITAMIN B3 (NIACIN AND NIACINAMIDE) IN DAIRY PRODUCTS BY HPLC	04	2022.02.10
FC	Ⅰ	4.2.1	National food safety standard Determination of taurine in foods	GB 5009.169-2016 2017-03	ESS-TP-2692	Determination of Taurine in food by HPLC-FLD	02	2020.11.24
FC	Ⅰ	4.2.1	National food safety standard Determination of beta carotene in foods	GB 5009.83-2016 2017-06	ESS-TP-1441	BETA CAROTENE BY HPLC UV	03	2018.05.25
FC	Ⅰ	4.2.1	National Food Safety Standard Determination of aflatoxin M in Food	GB 5009.24-2016 Method 2	ESS-TP-1879	DETERMINATION OF AFLATOXIN M IN DAIRY PRODUCTS	03	2023.09.06
FC	Ⅰ	4.2.1	Determination of lutein in foods	GB 5009.248-2016 2017-03	ESS-TP-1440	LUTEIN BY HPLC	01	2018.12.27
FC	Ⅰ	4.2.1	National food safety standard -- Determination of antioxidants in oils and fats	GB 5009.32-2016 2017-06	ESS-TP-4237	DETERMINATION OF 9 KINDS OF ANTIOXIDANTS IN FOOD BY HPLC	03	2023.08.25
FC	Ⅰ	4.2.1	National food safety standard Determination of Zearalenone in food	GB 5009.209-2016 Method 1 2017-06	ESS-TP-5610	Determination of Zearalenon in food and feed	02	2023.09.04
FC	Ⅰ	4.2.1	Foodstuffs-Determination of vitamin B1 by ~~HPLC~~ high performance liquid chromatograph	BS EN 14122-2014 2014-06	ESS-TP-1363	VITAMIN B1 IN DAIRY PRODUCTS BY HPLC	04	2020.11.24
FC	Ⅰ	4.2.1	the determination of theanine in tea	GB/T 23193-2017 2018-05	ESS-TP-6588	DETERMINATION OF THEANINE IN TEA-USING HIGH PERFORMANCE LIQUID CHROMATOGRAPHY	01	2020.04.21
FC	Ⅰ	4.2.1	National food safety standard -Determination of caffeine in beverage	GB 5009.139-2014 2015-05	ESS-TP-6366	DETERMINATION OF COFFEINE IN FOOD AND DRINK	01	2020.01.07
FC	Ⅰ	4.2.1	National food safety standard -Determination of free gossypol in plant foods	GB 5009.148-2014 2015-05	ESS-TP-6307	DETERMINATION OF FREE GOSSYPOL IN PHYTOGENIC SAMPLE	02	2020.01.16
FC	Ⅰ	4.2.1	Determination of Vitamin B2 by high performance liquid chromatography	BS EN 14152-2014 2014-06	ESS-TP-1387	VITAMIN B2 IN DAIRY PRODUCTS BY HPLC	05	2023.08.25
FC	Ⅰ	4.2.1	National food safety standard -Determination of sodium cyclamate in food	GB 5009.97-2016 2016-08	ESS-TP-5211	DETERMINATION OF SODIUM CYCLAMATE IN FOOD	01	2019.05.29
FC	Ⅰ	4.2.1	Vitamin K in Milk and Infant Formulas Liquid Chromatographic Method	AOAC Official Method 999.15-2003	ESS-TP-1389	VITAMIN K1 IN DAIRY PRODUCTS BY HPLC	03	2020.11.26
FC	Ⅰ	4.2.1	Foodstuffs-Determination of vitamin A by high performance liquid chromatography	BS EN 12823-1 2014-05	ESS-TP-1416	DETERMINATION OF VITAMIN A AND E BY HPLC	02	2023.08.25
FC	Ⅰ	4.2.1	Foodstuffs - Determination of vitamin A by high performance liquid chromatography - Part 2: Measurement of β-carotene	BS EN 12823-2 2014-05	ESS-TP-1441	BETA CAROTENE BY HPLC UV	04	2023.08.04
FC	Ⅰ	4.2.1	Foodstuffs-Determination of vitamin E by high performance liquid chromatography	BS EN 12822 2014-06	ESS-TP-1416	DETERMINATION OF VITAMIN A AND E BY HPLC	02	2023.08.25
FC	Ⅰ	4.2.1	Foodstuffs-Determination of vitamin D by high performance liquid chromatography	BS EN 12821-2009 2009-04	ESS-TP-1431	DETERMINATION OF VITAMIN D IN FOOD BY HPLC	05	2023.08.25
FC	Ⅰ	4.2.1	Foodstuffs-Determination of vitamin B3 by high performance liquid chromatography	BS EN 15652-2009 2009-05	ESS-TP-1397	VITAMIN B3 (NIACIN AND NIACINAMIDE) IN FOODS BY HPLC	04	2022.02.10
FC	Ⅰ	4.2.1	Taurine in Powdered Milk and Powdered Infant Formulae Liquid Chromatographic Method	AOAC Official Method 997.05 2001	ESS-TP-2692	Determination of Taurine in food by HPLCFLD	02	2020.11.24
FC	Ⅰ	4.2.1	National food safety standard - Determination of aspartame and aclame in food(limitation: here only determination of aspartame)	GB 5009.263-2016 2017-06	ESS-TP-2640	DETERMINATION OF SWEETENERS BY HPLC METHOD	06	2022.08.09
FC	Ⅰ	4.2.1	National food safety standard - Determination of benzoic acid, sorbic acid and saccharin sodium in food	GB 5009.28-2016 2017-06	ESS-TP-2431	DETERMINATION OF BENZOIC ACID, SORBIC ACID AND SACCHARIN SODIUM BY HPLC METHOD	05	2022.07.19
Res	Ⅱ	4.2.2	Determination of Melamine and Cyanuric Acid Residues in Infant Formula using LC-MS/MS	FDA LIB No. 4421 2008-10	ESS-TP-2263	Determination of Melamine and Cyanuric Acid Using LC-MS/MS Technique FDA LIB NO. 4421, Modified	07	2022.03.09

Res	Ⅱ	4.2.2	Determination of Melamine in raw milk and dairy products	GB/T 22388-2008 Method 2 2008-10	ESS-TP-3265	Melamine in milk powder and liquid milk -GB method	02	2022.12.22
Res	Ⅱ	4.2.2	Determination of Nicotine in mushrooms, egg powder and related matrices using LC-MS/MS technique	ESS-TP-2265 V7 2022-03	ESS-TP-2265	Determination of Nicotine Using LC-MS/MS Technique (Internal Method)	07	2022.03.09
Res	Ⅱ	4.2.2	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 (Modification: if necessary adaptation of the D-SPE ratio; possibly modified salt mixture necessary; also application to milk and milk powder)	BS EN 15662 2018-06	ESS-TP-0657	Determination of Pesticide Residues in Plant Matrix with QuEChERS Method	10	2021.12.09
Res	Ⅱ	4.2.2	Foods of plant origin - Multiresidue methods for the gas chromatographic determination of pesticide residues	BS EN 12393 2013-11	ESS-TP-0721	Determination of Pesticide Residues in food staff with strong matrix effects with Solvent Extraction and Solid-Phase-Extraction/Gel Permeation Chromatography using LC-MS/MS and GC-MS technique	10	2021.12.09
Res	Ⅱ	4.2.2	Non fatty foods. Determination of Chlormequat and Mepiquat LC-MS/MS method	DIN EN 15055：2006 2006-08	ESS-TP-0720	Determination of Chlormequat and Mepiquat by LC-MS/MS	02	2022.12.09
Res	Ⅱ	4.2.2	Determination of 493 pesticides and related chemicals residues in milk and milk powder—LC-MS-MS method	GB/T 23211-2008 2009-05	ESS-TP-4547	Determination of 493 pesticides and related chemicals residues in milk and milk powder	01	2019.02.11
Res	Ⅱ	4.2.2	Quick Method for the Analysis of Highly Polar Pesticides in Food Involving Extraction with Acidified Methanol and LC- or IC-MS/MS Measurement	EURL-SRM-09 QuPPe-PO-Method V12 2021.07	ESS-TP-4246	Paraquat and Diquate analysis in foods by LC-MS/MS	04	2022.04.13
Res	Ⅱ	4.2.2	Determination of Matrine and Oxymatrine by LC-MS/MS	ESS-TP-6292 V3 2022-04	ESS-TP-6292	Determination of Matrine and Oxymatrine by LC-MS/MS	03	2022.04.13
Res	Ⅱ	4.2.2	Quick Method for the Analysis of Numerous Highly Polar Pesticides in Food Involving Extraction with Acidified Methanol and LC-MS/MS Measurement	EURL-SRM-09 QuPPe-AO-Method V3.2 2019.05	ESS-TP-6293	Determination of Chlorate, Perchlorate, Ethephon, Fosetyl aluminum and Phosphonic acid by LCMS/MS	03	2021.08.05
Res	Ⅱ	4.2.2	Quick Method for the Analysis of Numerous Highly Polar Pesticides in Food Involving Extraction with Acidified Methanol and LC-MS/MS Measurement	EURL-SRM-09 QuPPe-PO-Method V12 2021.07	ESS-TP-6293	Determination of Chlorate ,Perchlorate,Ethephon ,Fosetyl aluminum and Phosphonic acid by LC-MS/MS	03	2021.08.05

Res	Ⅱ	4.2.2	Determination of melamine residues in live animal and feed for import and export-LC-MS/MS method	SN/T 5118-2019 2020-03	ESS-TP-6653	Determination of melamine residues in feed-liquid chromatography-mass spectrometry / mass spectrometry	01	2020.04.22
Res	Ⅱ	4.2.2	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 (Modification: if necessary adaptation of the D-SPE ratio; possibly modified salt mixture necessary; also application to milk and milk powder)	BS EN 15662 2018-06	ESS-TP-6654	Determination of multiple pesticide residues in milk	03	2021.02.04
Res	Ⅱ	4.2.2	Determination of glyphosate, glufosinate and aminomethyl-phosphonic acid (AMPA) by LC-MS/MS in food and feed	ESS-TP-1548 V4 2020-06	ESS-TP-1548	Determination of Glyphosate Glufosinate and Aminomethyl Phosphonic Acid (AMPA) by LC-MS/MS	04	2020.06.03
Res	Ⅱ	4.2.2	Analysis of 4-Hydroxy-Chlorothalonil (SDS-3701) in Milk using QuE	EURL-SRM-28 V2.1 2014.05	ESS-TP-6654	Determination of multiple pesticide residues in milk	03	2021.02.04
Res	Ⅱ	4.2.2	Analysis of Flonicamid-Metabolites TFNA and TFNG using acidified	EURL-SRM-17 V2 2015.05	ESS-TP-7272	Determination of TFNA and TFNG in Food Liquid Chromat	01	2020.12.11
Res	Ⅱ	4.2.2	Analysis of Acidic Pesticides Entailing Conjugates and/ or Esters in	EURL-SRM-43 V2 2021.04	ESS-TP-6591	QuEChERS-Based Method for the Simultaneous Determin	03	2020.11.07
Res	Ⅱ	4.2.2	Determination of Glyphosate, its Degradation Product Aminomethy	USGS Techniques and Methods 5–A10 2009	ESS-TP-1548	Determination of Glyphosate Glufosinate and Aminomethy	04	2020.06.03
Res	Ⅱ	4.2.2	Quick Method for the Analysis of Numerous Highly Polar Pesticides	EURL-SRM-09 QuPPe-AO-Method V3.2 2019.05	ESS-TP-4246	Paraquat and Diquate analysis in foods by LC-MS/MS	04	2022.04.13
Res	Ⅱ	4.2.2	Quick Method for the Analysis of Highly Polar Pesticides in Food Involving Extraction with Acidified Methanol and LC- or IC-MS/MS Measurement	EURL-SRM-09 QuPPe-PO-Method V12 2021.07	ESS-TP-4641	Polar Pesticides by LC-MS/MS	04	2022.12.31
Res	Ⅱ	4.2.2	Quick Method for the Analysis of Highly Polar Pesticides in Food Involving Extraction with Acidified Methanol and LC- or IC-MS/MS Measurement	EURL-SRM-09 QuPPe-PO-Method V12 2021.07	ESS-TP-6692	Determination of N-Acetyl Glufosinate , N-Acetyl AMPA an	01	2021.03.05
Res	Ⅱ	4.2.2	Quick Method for the Analysis of Highly Polar Pesticides in Food Involving Extraction with Acidified Methanol and LC- or IC-MS/MS Measurement	EURL-SRM-09 QuPPe-PO-Method V12 2021.07	ESS-TP-7533	Determination of Kasugamycin, Validamycin, Polyoxin and Ningnanmycin in fruits, vegetables, grains and tea by LC-MS/MS	02	2023.05.11
Res	Ⅱ	4.2.2	National food safety standard—Determination of 331 pesticides and metabolites residues in foods of plant origin—Liquid chromatography-tandem mass spectrometry method	GB 23200.121-2021 2021-09	ESS-TP-4540	Determination of the pesticides and metabolites residues in plant-derived foods-gas /liquid chromatography-tandem mass spectrometry method	03	2021.10.29
Res	Ⅱ	4.2.2	National food safety standards—Determination of flubendiamide residue in foods Liquid chromatography-mass spectrometry	GB 23200.76:2016 2017-06	ESS-TP-6807	Determination of Flubendiamide Residue in Food Liquid Chromatography-Mass Spectrometry/Mass Spectrometry	01	2020.06.03
Res	Ⅱ	4.2.2	Analysis of Dithianon in Food of Plant Origin using acidified QuEChERS and LC-MS/MS	EURL-SRM-13 V2 2016-04	ESS-TP-9015	Analysis of Dithianon in Food of Plant Origin by LC-MS/MS	01	2021.12.31
Res	Ⅱ	4.3.2	Determination of cyhexation (azocyclotin) and fenbutatin oxide in foods for export	SN/T 4558-2016 2017-03	ESS-TP-6808	Determination of Cyhexation (Azocyclotin) and Fenbutatin oxide in exported food	01	2020.06.03

Res	Ⅱ	4.2.2	Determination of Chlorthal in Foods by LC-MS/MS and GC-MS/MS	ESS-TP-8864 V4 2022-09	ESS-TP-8864	Determination of Chlorthal in Foods by LC-MS/MS and GC-MS/MS	04	2022.09.29
Res	Ⅱ	4.2.2	Determination of Chlormequat and Mepiquat by LC-MS/MS	ESS-TP-0720 V2 2022.12.09	ESS-TP-0720	Determination of Chlormequat and Mepiquat by LC-MS/MS	02	2022.12.09
Res	Ⅱ	4.2.2	Determination of Streptomycin, Dihydro-streptomycin, Moroxydine and Blasticidin-S in food by LC-MS/MS	ESS-TP-9419 V1 2022-04	ESS-TP-9419	Determination of Streptomycin, Dihydro-streptomycin, Moroxydine and Blasticidin-S in food by LC-MS/MS	01	2022.04.12
Res	Ⅱ	4.2.2	Determination of Kasugamycin, Validamycin, Polyoxin and Ningnanmycin in fruits, vegetables, grains and tea by LC-MS/MS	ESS-TP-7533 V2 2023.05.11	ESS-TP-7533	Determination of Kasugamycin, Validamycin, Polyoxin and Ningnanmycin in fruits, vegetables, grains and tea by LC-MS/MS	02	2023.05.11
Res	Ⅱ	4.2.2	Determination of quaternary ammonium compounds in food for export-LC-MS/MS method	SN/T 4048-2014 2015-05	ESS-TP-6825	Quaternary Ammonium compounds by LC-MS/MS	01	2020.06.04
Res	Ⅱ	4.2.2	Determination of picloram, aminopyralid residues in foods tuffs for export—LC-MS/MS method	SN/T 5219-2019 2020-07	ESS-ED-3128	Determination of picloram, aminopyralid residues in foods tuffs for export—LC-MS/MS method	2019	2019.12.27
FC	Ⅰ	4.3.1	Animal and vegetable fats and oils -- Gas chromatography of fatty acid methyl esters -- Part 4: Determination by capillary gas chromatography	ISO 12966-4 2015-06	ESS-TP-2505	DETERMINATION OF FATTY ACID PROFILE IN FOOD	04	2018.08.29
Res	Ⅰ	4.3.1	Bromine Containing Fumigants Determined as Total Inorganic Bromide	EURL-SRM 06 2008-09	ESS-TP-3746	Bromine Containing Fumigants Determined as Total Inorganic Bromide in food by GC-ECD	01	2019.02.11
Res	Ⅰ	4.3.1	National food safety standard Determination of PCBs in foods	GB 5009.190-2014 Method 2 2015-05	ESS-TP-4535	Ploychlorinated Bipheyls in food by GC-ECD	01	2019.02.19
FC	Ⅰ	4.3.1	National food safety standard –Determination of dehydroacetic aicd in food	GB 5009.121-2016 2016-08	ESS-TP-5424	DETERMINATION OF DEHYDROACETIC	01	2019.08.13
Dairy	Ⅰ	4.3.1	National food safety standard Determination of inositol in foods	GB 5009.270-2016 2017-06	ESS-TP-1439	INOSITOL BY GC	01	2019.02.11
FC	Ⅰ	4.3.1	National food safety standard Determination of fatty acid in foods	GB 5009.168-2016 2017-06	ESS-TP-2505	DETERMINATION OF FATTY ACID PROFILE IN FOOD	04	2018.08.29
Res	Ⅰ	4.3.1	Analysis of Dithiocarbamate Residues in Foods of Plant Origin Involving Clevage into Isooctane and Determinative Analysis by GC-ECD	EURL-SRM-14 V2 2009.12	ESS-TP-2583	Determination of Dithiocarbamates and/or Thiuram Disulphides Fungicides in Low Fat Food by GC-FPD	04	2019.02.18

Res	Ⅰ	4.3.1	Determination of Methyl bromide, Sulfuryl fluoride and Phosphine in Foods by Headspace-Gas Chromatography	ESS-TP-8701 V1 2021-10	ESS-TP-8701	Determination of Methyl bromide, Sulfuryl fluoride and Phosphine in Foods by Headspace-Gas Chromatography	01	2021.10.26
Res	Ⅰ	4.3.1	Validation of the Method for the Determination of Dithiocarbamates and Thiuram Disulphide on Apple, Lettuce, Potato, Strawberry and Tomato Matrix	Acta Chim. Slov. 2006, 53, 100-104	ESS-TP-2583	Determination of Dithiocarbamates and/or Thiuram Disulphides Fungicides in Low Fat Food by GC-FPD	04	2019.02.18
Res	Ⅱ	4.3.2	Determination of plasticisers in foods, utensils and raw materials by GC MS	ESS-TP-2570 V4 2020-06	ESS-TP-2570	Determination of Plasticisers in Foods, Utensils and Raw Materials by GC/MS	04	2020.06.03
Res	Ⅱ	4.3.2	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 (Modification: if necessary adaptation of the D-SPE ratio; possibly modified salt mixture necessary; also application to milk and milk powder; add additional solution before analysis for tea)	BS EN 15662 2018-06	ESS-TP-0657	Determination of Pesticide Residues in Plant Matrix with QuEChERS Method	10	2021.12.09
Res	Ⅱ	4.3.2	Foods of plant origin - Multiresidue methods for the gas chromatographic determination of pesticide residues - Part 1: General considerations (withdrawn standard)	BS EN 12393-1 2013-11	ESS-TP-0721	Determination of Pesticide Residues in food staff with strong matrix effects with Solvent Extraction and Solid-Phase-Extraction/Gel Permeation Chromatography using LC-MS/MS and GC-MS technique	10	2021.12.09
Res	Ⅱ	4.3.2	Foods of plant origin - Multiresidue methods for the gas chromatographic determination of pesticide residues - Part 2:Methods for extraction and clean-up)	BS EN 12393-2 2013-11	ESS-TP-0721	Determination of Pesticide Residues in food staff with strong matrix effects with Solvent Extraction and Solid-Phase-Extraction/Gel Permeation Chromatography using LC-MS/MS and GC-MS technique	10	2021.12.09
Res	Ⅱ	4.3.2	Foods of plant origin - Multiresidue methods for the gas chromatographic determination of pesticide residues - Part 3: Determination and confirmatory tests	BS EN 12393-3 2013-11	ESS-TP-0721	Determination of Pesticide Residues in food staff with strong matrix effects with Solvent Extraction and Solid-Phase-Extraction/Gel Permeation Chromatography using LC-MS/MS and GC-MS technique	10	2021.12.09
Res	Ⅱ	4.3.2	Determination of plasticisers in foods	GB 5009.271-2016 Method 2 2017-06	ESS-TP-2570	Determination of plasticisers in foods, utensils and raw materials by GC/MS	04	2020.06.03
Res	Ⅱ	4.3.2	Determination of 511 pesticides and related chemicals residues in milk and milk powder—GC-MS method	GB/T 23210-2008 2009-05	ESS-TP-4546	Determination of 511 pesticides and related chemicals residues in milk and milk powder	01	2019.02.11
Res	Ⅱ	4.3.2	National food safety standard—Determination of solvent residue in foods (Modification: detector modified from FID to MS)	GB 5009.262-2016 2017-06	ESS-TP-4545	Determination of solvent residues in foods.	02	2021.10.29

Res	Ⅱ	4.3.2	National food safety standard—Determination of 208 pesticides and metabolites residues in foods of plant origin—Gas chromatography-tandem mass spectrometry method	GB 23200.113-2018 2018-12	ESS-TP-4540	Determination of the pesticides and metabolites residues in plant-derived foods-gas /liquid chromatography-tandem mass spectrometry method	03	2021.10.29
Res	Ⅱ	4.3.2	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 (Modification: if necessary adaptation of the D-SPE ratio; possibly modified salt mixture necessary; also application to milk and milk	BS EN 15662 2018-06	ESS-TP-6654	Determination of multiple pesticide residues in milk	03	2021.02.04
Res	Ⅱ	4.3.2	Analysis of Fumigants, Chloropicrin in Cereals and Dry Fruits Apply	EURL-SRM-29 V1 2015.04	ESS-TP-6668	Determination of Chloropicrin by GC-MS/MS	01	2020.06.03
Res	Ⅱ	4.3.2	Determination of Ethylcin in Foods by GC-MS/MS	ESS-TP-4582 V1 2022-04	ESS-TP-4582	Determination of Ethylcin in Foods by GC-MS/MS	01	2022.04.20
Res	Ⅱ	4.3.2	Analysis of Ethylene Oxide and its metabolites 2-Chloroethanol by GC-MS/MS	ESS-TP-8703 V2 2022-02	ESS-TP-8703	Analysis of Ethylene Oxide and its metabolites 2-Chloroethanol by GC-MS/MS	02	2022.02.16
Res	Ⅱ	4.3.2	Determination of Toxaphene (Camphechlor) in foods by GC-MS/MS	ESS-TP-6670 V1 2020-04	ESS-TP-6670	Determination of Toxaphene(Camphechlor) in foods by GC-MS/MS	01	2020.04.22
Res	Ⅱ	4.3.2	Sulfuric acid / permanganate cleanup	EPA 3665A V1 1996.12	ESS-TP-6670	Determination of Toxaphene (Camphechlor) in foods by GC-MS/MS	01	2020.04.22
Res	Ⅱ	4.3.2	Determination of Chlorthal in Foods by LC-MS/MS and GC-MS/MS	ESS-TP-8864 V4 2022-09	ESS-TP-8864	Determination of Chlorthal in Foods by LC-MS/MS and GC-MS/MS	04	2022.09.29
FC	Ⅲ	4.4	National food safety standard -- Determination of nitrite and nitrate in foods	GB 5009.33-2016 2017-06 method 1	ESS-TP-3750	NITRATE IN FOOD BY IC METHOD	02	2018.08.30
FC		4.5	Determination of substances characteristic of green and black tea — Part 1: Content of total polyphenols in tea — Colorimetric method using Folin-Ciocalteu reagent — Technical Corrigendum 1	ISO 14502-1:2005/Cor 1:2006	ESS-TP-5472	DETERMINATION OF TOTAL POLYPHENOLS IN TEA AND TEA PRODUCTCOLORIMETRIC METHOD	01	2019.07.29
FC	Ⅰ	4.6	National food safety standard - Determination of ascorbic acid in food	GB 5009.86-2016 2016-08	ESS-TP-1435	VITAMIN C IN FOOD BY FLUORESCENCE SPECTROPHOTOMETER	02	2020.11.24
FC	Ⅰ	4.6	National food safety standard - Determination of vitamin C in foods for infants and young children, milk and milk products	GB 5413.18 2010-06	ESS-TP-1435	VITAMIN C IN FOOD BY FLUORESCENCE SPECTROPHOTOMETER	02	2020.11.24
FC	Ⅰ	4.6	Vitamin C (Total) in Food	AOAC Official Method 984.26 1985	ESS-TP-1435	VITAMIN C IN FOOD BY FLUORESCENCE SPECTROPHOTOMETER	02	2020.11.24
FC	Ⅰ	4.7	Animal feeding stuffs - Determination of crude fibre content - Method with intermediate fibration	ISO 6865 2000-10	ESS-TP-2147	Determination of Crude fiber in feed and food	06	2023.9.4
FC	Ⅰ	4.7	Determination of Moisture in foods by VACUUM DRYING METHOD	GB 5009.3-2016 method 2	ESS-TP-1560	Determination of Moisture in foods by VACUUM DRYING METHOD	07	2020.12.16
FC	Ⅰ	4.7	National Food Safety Standard Determination of moisture in foods	GB 5009.3 2016 method 1	ESS-TP-1559	DETERMINATION OF MOISTURE IN FOOD AND FEED BY DIRECT DRYING METHOD	10	2020.12.28
FC	Ⅰ	4.7	Determination of dietary fiber in foods by enzymatic method	GB 5009.88-2014	ESS-TP-1733	Determination of Dietary fiber in foods	04	2022.08.01

FC	I	4.7	Feeding stuffs - Determination of crude fiber content - Method with intermediate filtration	GB/T 6434-2022 2023-07	ESS-TP-2147	Determination of Crude fiber in feed and food	06	2023.9.4
FC	I	4.7	Determination of crude fiber in feed	GBT 5009.10-2003	ESS-TP-2147	Determination of Crude fiber in feed and food	06	2023.9.4
FC	I	4.7	National Food Safety Standard Determination of Fat in Foods	GB 5009.6-2016 2017-06	ESS-TP-1721	DETERMINATION OF TOTAL FAT IN FOOD AND FEED	04	2022.09.08
FC	I	4.7	Determination of relative density of food Method 1	GB 5009.2 2016	ESS-TP-1988	Determination of relative density of foods	04	2019.03.18
FC	I	4.7	National food safety standard Determination of nonfat total milk solids in milk and milk products	GB 5413.39 2010	Calculation method	NA	N/A	N/A
FC	I	4.7	National Food Safety Standard Determination of ash in foods	GB 5009.4-2016 2017-03	ESS-TP-1824	DETERMINATION OF ASH IN FOODS BY GB METHOD	06	2020.05.21
FC	I	4.7	Commission Regulation (EC) No 152/2009 of 27 January 2009 laying down the methods of sampling and analysis for the official control of feed ANNEX III paragraph I- DETERMINATION OF CRUDE FIBRE	(EC)No 152/2009 2009-01	ESS-TP-2147	DETERMINATION OF CRUDE FIBER IN FOOD AND FEED	06	2023.9.4
FC	I	4.7	Commission Regulation (EC) No 152/2009 of 27 January 2009 laying down the methods of sampling and analysis for the official control of feed ANNEX III paragraph M- DETERMINATION OF	(EC)No 152/2009 2009-01	ESS-TP-2715	DETERMINATION OF ASH IN FOOD AND FEED	02	2018.07.31
FC	I	4.7	Determination of crude ash in feed	GB/T 6438-2007 2007-09	ESS-TP-2715	DETERMINATION OF ASH IN FOOD AND FEED	02	2018.07.31
FC	I	4.7	Animal feeding stuffs –Determination of crude ash	ISO 5984 2022-04	ESS-TP-2715	DETERMINATION OF ASH IN FOOD AND FEED	02	2018.07.31
FC	I	4.7	Commission Regulation (EC) No 152/2009 of 27 January 2009 laying down the methods of sampling and analysis for the official control of feed ANNEX III paragraph A-DETERMINATION OF	(EC)No 152/2009 2009-01	ESS-TP-1559	DETERMINATION OF MOISTURE IN FOOD AND FEED BY DIRECT DRYING METHOD	10	2020.12.28
FC	I	4.7	Determination of moisture in feed	GB/T 6435-2014 2015-01	ESS-TP-1559	DETERMINATION OF MOISTURE IN FOOD AND FEED BY DIRECT DRYING METHOD	10	2020.12.28
FC	I	4.7	Animal feeding stuffs –Determination of moisture and other volatile matter	ISO 6496 1999-08	ESS-TP-1559	DETERMINATION OF MOISTURE IN FOOD AND FEED BY DIRECT DRYING METHOD	10	2020.12.28
FC	I	4.7	Commission Regulation (EC) No 152/2009 of 27 January 2009 laying down the methods of sampling and analysis for the official control of feed ANNEX III paragraph H- DETERMINATION OF CRUDE OILS AND FATS	(EC)No 152/2009 2009-01	ESS-TP-3878	DETERMINATION OF TOTAL FAT IN FEED	01	2018.07.31
FC	I	4.7	Determination of crude fat in feed	GB/T 6433-2006 2006-09	ESS-TP-3878	DETERMINATION OF TOTAL FAT IN FEED	01	2018.07.31
FC	I	4.7	Animal feeding stuffs –Determination of fat content	ISO6492-1999 1999-08	ESS-TP-3878	DETERMINATION OF TOTAL FAT IN FEED	01	2018.07.31
FC	I	4.8	Foodstuffs - Determination of trace elements. Pressure digestion	BS EN 13805 2014-10	ESS-TP-0555	SAMPLE DIGESTION –TRACE ELEMENTS IN FOOD STUFF	06	2023.08.04
FC	I	4.8	National food safety standard Determination of Lead in food method 1	GB 5009.12-2017 Method 1 2017-10	ESS-TP-2979	DETERMINATION OF ELEMENTS IN FOODS AND FEED BY GRAPHITE FURNACE ATOMIC ABSORPTION SPECTROMETRY	04	2021.08.09

FC	Ⅰ	4.8	National food safety standard Determination of Cadmium in food	GB 5009.15-2014 2015-07	ESS-TP-2979	DETERMINATION OF ELEMENTS IN FOODS AND FEED BY GRAPHITE FURNACE ATOMIC ABSORPTION SPECTROMETRY	04	2021.08.09
FC	Ⅰ	4.8	National food safety standard Determination of Chromium in food	GB 5009.123-2014 2016-06	ESS-TP-2979	DETERMINATION OF ELEMENTS IN FOODS AND FEED BY GRAPHITE FURNACE ATOMIC ABSORPTION SPECTROMETRY	04	2021.08.09
FC	Ⅰ	4.8	National food safety standard - Determination of total mercury and organic mercury in food(Limitation: here determination only for total mercury)	GB 5009.17-2021 Chapter 2 2021-09	ESS-TP-4523	DETERMINATION OF METHYL MERCURY IN FOOD BY LC-AFS	02	2022.7.19
FC	Ⅰ	4.8	National food safety standard - Determination of selenium in food	GB 5009.93-2017 2017-04	ESS-TP-5565	DETERMINATION OF SELESIUM IN FOOD BY HYDIDE ATOMIC FLUORESCENCE SPECTROMETRY	01	2019.09.24
FC	Ⅰ	4.8	Determination of mercury in feed	GB/T 13081-2022 2022-12	ESS-TP-6415	DETERMINATION OF TOTAL MERCURY IN FOODS	01	2020.05.09
FC	Ⅰ	4.8	Determination of chromium in feed	GB/T 13088-2006 2006-06	ESS-TP-2979	DETERMINATION OF ELEMENTS IN FOODS AND FEED BY GRAPHITE FURNACE ATOMIC ABSORPTION SPECTROMETRY	04	2021.08.09
FC	Ⅰ	4.8	Determination of lead in feed	GB/T 13080-2018 2018-09	ESS-TP-2979	DETERMINATION OF ELEMENTS IN FOODS AND FEED BY GRAPHITE FURNACE ATOMIC ABSORPTION SPECTROMETRY	04	2021.08.09
FC	Ⅰ	4.8	National food safety standard Determination of Total Mercury and Organic-mercury in Food	GB 5009.17-2021 chapter 1 method 1 2021-09	ESS-TP-6415	DETERMINATION OF TOTAL MERCURY IN FOODS	01	2020.05.09
FC	Ⅰ	4.11	National Food Safety Standard Determination of Multi-element in Foods	GB 5009.268-2016 Method 2 2017-06	ESS-TP-6557	DETERMINATION OF THE ELEMENTS IN FOODS BY INDUCTIVELY COUPLED PLASMAOPTICAL EMISSION SPECTROSCOPY (ICPOES)	04	2020.05.22
FC	Ⅰ	4.9	Water quality. Application of inductively coupled plasma mass spectrometry (ICP-MS). Determination of selected elements including uranium isotopes (Modification: here for food，without uranium isotopes))	BS EN ISO 17294-2 2016-08	ESS-TP-0552	MULTIPLE ELEMENTS-DETERMINATION OF THE ELEMENTS IN FOODS BY INDUCTIVELY COUPLED PLASMA MASS SPECTROMETRY (ICP-MS)	07	2020.06.04
FC	Ⅰ	4.9	Foodstuffs. Determination of trace elements. Determination of iodine by ICP-MS (inductively coupled plasma mass spectrometry)	BS EN 15111 2007-04	ESS-TP-0552	MULTIPLE ELEMENTS-DETERMINATION OF THE ELEMENTS IN FOODS BY INDUCTIVELY COUPLED PLASMA MASS SPECTROMETRY (ICP-MS)	07	2020.06.04
FC	Ⅰ	4.9	National food safety standard Determination of multi-elements in foods	GB 5009.268-2016 Method 1 2017-06	ESS-TP-0552	MULTIPLE ELEMENTS-DETERMINATION OF THE ELEMENTS IN FOODS BY INDUCTIVELY COUPLED PLASMA MASS SPECTROMETRY (ICP-MS)	07	2020.06.04
FC	Ⅰ	4.9	National food safety standard Determination of manganese in foods	GB 5009.242-2017 Method 3 2017-04	ESS-TP-0552	MULTIPLE ELEMENTS-DETERMINATION OF THE ELEMENTS IN FOODS BY INDUCTIVELY COUPLED PLASMA MASS SPECTROMETRY (ICP-MS)	07	2020.06.04
FC	Ⅰ	4.13	Commission Regulation (EC) No 152/2009 of 27 January 2009 laying down the methods of sampling and analysis for the official control of feed ANNEX III paragraph C protein	（EC）No 152/2009 Annex Ⅲ Paragraph C	ESS-TP-1557	DETERMINATION OF PROTEIN IN FOOD AND FEED KJELDAHL METHOD	06	2021.06.15
FC	Ⅰ	4.13	Animal feeding stuffs –Determination of Nitrogen Content And Calculation Of Crude Protein Content.	ISO 5983-1：2005	ESS-TP-1557	DETERMINATION OF PROTEIN IN FOOD AND FEED JELDAHL METHOD	06	2021.06.15
FC	Ⅰ	4.13	Determination of crude protein in feed Kjeldahl method	GB/T 6432-2018 2019-04	ESS-TP-1557	DETERMINATION OF PROTEIN IN FOOD AND FEED KJELDAHL METHOD	06	2021.06.15
FC		4.10	Water quality. Application of inductively coupled plasma mass spectrometry (ICP-MS). Determination of selected elements including uranium isotopes (Modification: here applied for feeding stuff，without uranium isotopes)	BS EN ISO 17294-2 2016-08	ESS-TP-0552	MULTIPLE ELEMENTS-DETERMINATION OF THE ELEMENTS IN FOODS BY INDUCTIVELY COUPLED PLASMA MASS SPECTROMETRY (ICPMS)	07	2020.06.04
FC	Ⅰ	4.11	National food safety standard - Determination of potassium and sodium in Foods	GB 5009.91-2017 Method 3 2017-03	ESS-TP-6557	DETERMINATION OF THE ELEMENTS IN FOODS BY INDUCTIVELY COUPLED PLASMA-OPTICAL EMISSION SPECTROSCOPY (ICP-OES)	01	2020.05.22

FC		4.12	Animal feeding stuffs - Determination of calcium, sodium, phosphorus, magnesium, potassium, iron, zinc, copper, manganese, cobalt, molybdenum, arsenic, lead and cadmium by ICP-AES (Modification: microwave digestion instead of block digestion)	ISO 27085 2009-04	ESS-TP-6557	DETERMINATION OF THE ELEMENTS IN FOODS BY INDUCTIVELY COUPLED PLASMA-OPTICAL EMISSION SPECTROSCOPY (ICP-OES)	01	2020.05.22
FC	I	4.13	Animal and vegetable fats and oils - Determination of acid value and acidity	ISO 660 2020-03	ESS-TP-1810	DETERMINATION OF ACID VALUE OF OIL IN FOODS-ISO METHOD	04	2022.03.01
FC	I	4.13	Foodstuffs. Determination of sulfite. Part 1:Optimized Monier-Williams method	BS EN 1988-1 1998-06	ESS-TP-1701	DETERMINATION OF SULFITE IN FOODMONIER WILLIAMS METHOD	05	2021.10.14
FC	I	4.13	EU Regulation 95/149/EC: Commission Decision of 8 March 1995 fixing the total volatile basic nitrogen (TVB-N) limit values for certain categories of fishery products and specifying the analysis methods to be used	EU Regulation 95/149/EC 1995-05	ESS-TP-2008	DETERMINATION OF TOTAL VOLATILE BASIC NITROGEN IN FOOD	03	2021.11.05
FC	I	4.13	Acidity (Titratable) of Fruit Products	AOAC 942.15 1980	ESS-TP-1840	Determiantion of Total acid in food	04	2021.11.01
FC	I	4.13	Protein (Crude) Determination in Animal Feed: Copper Catalyst Kjeldahl Method (modification: here also for food)	AOAC 984.13 1994	ESS-TP-1557	DETERMINATION OF PROTEIN IN FOOD AND FEEDKJELDAHL METHOD	06	2021.06.15
FC	I	4.13	Vitamin C (Reduced Ascorbic Acid) in Ready-to-Feed Milk-Based Infant Formula 2,6-Dichloroindophenol Titrimetric Method First Action 1985	AOAC 985.33 1988	ESS-TP-1437	Vitamin C by titration	02	2020.11.13
FC	I	4.13	Determination of Peroxide Value in fats and oils, Acetic Acid - Isooctane Method	AOCS Cd 8b - 90 2017	ESS-TP-0662	DETERMINATION OF PEROXIDE VALUE IN FATS AND OIL-AOCS METHOD	05	2021.05.31
FC	I	4.13	National food safety standard Determination of protein in Foods	GB 5009.5-2016	ESS-TP-1557	DETERMINATION OF PROTEIN IN FOOD AND FEED KJELDAHL METHOD	06	2021.06.15
MB	I	5	Qualitative real-time PCR detection of porcine DNA (Sus scrofa) in food and feed, for use with low-DNA sample.	Gene Scan Test kit DNAnimal Ident Pig HS Cat. No 5422211810, -05(s-KIT) 27.05.2020	ESS-TP-6390	Detection of Porcine DNA	01	2022.02.17
MB	I	5	Qualitative real-time PCR detection of porcine DNA (Sus scrofa) in food and feed.	Gene Scan Test kit DNAnimal Ident Pork Cat. No 5422211910, -05 27.05.2020	ESS-TP-6390	Detection of Porcine DNA	01	2022.02.17
MB	I	5	Salmonella in Selected Foods - BAX® Automate System (Modification: also higher weight of sample)	AOAC Official Method 2003.09 2011	ESS-TP-1986	Detection of Salmonella spp(using BAX automated system)	06	2023.06.16
MB	I	5	Salmonella PCR ASSAY in food and feed-using BAX® automate system	BAX System PCR ASSAY method KIT 2001	ESS-TP-1986	Detection of Salmonella spp(using BAX automated system)	06	2023.06.16

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