

 欧陆分析技术服务 (苏州) 有限公司 Eurofins Technology Services			Methods Log for DAkkS Accredited Tests				文件编号 Document No.	ESS-QP-7.02 F09 e
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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 coagulase positive staphylococci	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	Bacillus 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 enumeration of Pseudomonas spp. and Pseudomonas 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-β-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 O157	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 microorganisms (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-4032 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 β STREPTOCOCCUS HEMOLYTICUS	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	Bacillus 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-1034 ESS-TP-6647	Microbiology-Detection and enumeration of Pseudomonas spp. and Pseudomonas 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-0612 ESS-TP-9514	Microbiology- Enumeration of microorganisms	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	04	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 coagulase positive staphylococci	07	2018.09.28
MB	I	1.1	Bacteriological Analytical Manual, Chapter 14: Bacillus cereus	FDA-BAM Chapter 14 2020.10	ESS-TP-7090	Bacillus cereus count	01	2020.09.08
MB	I	1.1	Microbiology - Enumeration of mesophilic anaerobic bacteria	APHA Compendium Chapter 7-6 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 (Petrifilm™ E. coli Count Plate and Petrifilm™ Coliform Count Plate™) 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 2019-05	ESS-ED-4191	Enzyme immunoassay for the quantitative analysis of casein	N/A	N/A
Dairy	I	3	Enzyme immunoassay for the quantitative analysis of peanuts	RIDASCREEN Peanut R6811 2021.02.01	ESS-ED-4202	PEANUT IN FOOD USING ENZYME IMMUNOASSAY	N/A	N/A
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 RIDASCREEN®FAST 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 to quantify milk proteins in food containing whey, milk or milk powder such as sausages, ice cream, chocolate, bakery goods, cake and bread mix, soups, sauces, dressings and beverages (juice, wine, beer)	R-Biopharm AG RIDASCREEN®FAST Milk R4652 2015-07	ESS-ED-4173	MILK IN FOOD USING ENZYME IMMUNOASSAY	N/A	N/A

Dairy	I	3	Enzyme immunoassay for the quantitative determination of Hazelnut	R-Biopharm RIDASCREEN®FAST Hazelnut R6802 2047Z 2021	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, chocolate, 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
Dairy	I	3	Enzyme immunoassay for the quantitative analysis of peanuts or parts of peanuts in food. Peanut can be present as an ingredient or as a contamination in raw or heated food (AOAC-RI 030404)	R-Biopharm AG RIDASCREENFAST Peanut R6202 2018-06	ESS-ED-4174	PEANUT IN FOOD USING ENZYME IMMUNOASSAY	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		4.1	Foodstuffs - Determination of trace elements - Performance criteria, general considerations and sample preparation	BS EN 13804 2013-03	ESS-TP-0555	SAMPLE DIGESTION –TRACE ELEMENTS IN FOOD STUFF	05	2018.08.03
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 (withdrawn standard)	DIN EN 14123 2008-03	ESS-TP-2559	Determination of Aflatoxin B1, B2, G1 and G2 in food and feed	03	2018.08.20
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	01	2018.08.31
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	Determination of preservatives in low-fat food (sorbic acid, benzoic acid)	ASU L 00.00-9 2017-05	N/A	N/A	N/A	N/A
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	01	2018.07.23
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	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	02	2018.08.31

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	National food safety standard -- Determination of ochratoxin A in food-High performance liquid chromatographic method with immunoaffinity column clean-up	01	2019.02.12
FC	I	4.2.1	Determination of preservatives in low-fat food (Sorbic acid, Benzoic acid)	§64 LFGB L 00.00-9, mod. [CN Food]	ESS-TP-2431	DETERMINATION OF BENZOIC ACID AND SORBIC ACID BY HPLC METHOD	05	2022.07.19
FC	I	4.2.1	Phenolic Antioxidants in Oils, Fats, and Butter Oil - Liquid Chromatographic Method	AOAC 983.15 1994	ESS-TP-2642	Phenolic antioxidants in oils, fats and butter oil AOAC 983.15 modified SNT 1050-2002	04	2022.05.09
FC	I	4.2.1	Determination of Synthetic colors in foods by using HPLC-DAD	SN/T 1743-2006	ESS-TP-2277	SYNTHETIC COLOURS IN FOODS BY LC-DAD (Modification: commercial SPE column used)	02	2018.08.02
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	General food- Determination of acesulfame-K, aspartame and saccharin - HPLC method	05	2022.08.09
FC	I	4.2.1	Determination of formaldehyde in food by HPLC	ESS-TP-4200 2018-10	ESS-TP-4200	DETERMINATION OF FORMALDEHYDE IN FOOD LIQUID CHROMATOGRAPHIC METHOD	01	2018.10.29
FC	I	4.2.1	5'-Mononucleotides in Infant Formula and Adult/Pediatric Nutritional Formula	AOAC 2011.20 2014	ESS-TP-5960	NUCLEOTIDES IN INFANT FORMULA AND NUTRITIONAL PRODUCTS BY HPLC	01	2019.09.20
FC	I	4.2.1	National food safety standard Determination of vitamin A, D and E in foods	GB 5009.82-2016 2017-06	ESS-TP-1431	VITAMIN D BY HPLC	03	2020.08.19
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 DAIRY 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	04	2020.11.24
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	03	2019.01.07
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 MILK AND MILK PRODUCTS	02	2018.08.31
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	Determination of 6 kinds of preservatives in food (benzoic acid, sorbic acid, methyl 4-hydroxybenzoate, ethyl 4-hydroxybenzoate, propyl 4-hydroxybenzoate and salicylic acid)	ESS-TP-2363 V1 2018-03	ESS-TP-2363	DETERMINATION OF 6 KINDS OF PRESERVATIVES IN FOOD - HPLC METHOD	01	2018.03.10
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 LIQUID CHROMATOGRAPHIC METHOD	02	2020.04.13
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 foods	01	2019.10.25
FC	I	4.2.1	Foodstuffs-Determination of vitamin B1 by HPLC	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 formaldehyde in food by HPLC	SN/T 1547-2011	ESS-TP-4200	DETERMINATION OF FORMALDEHYDE IN FOOD LIQUID CHROMATOGRAPHIC METHOD	01	2018.10.29
FC	I	4.2.1	Determination of Vitamin B2 by HPLC	BS EN 14152-2014 2014-06	ESS-TP-1387	VITAMIN B2 IN DAIRY PRODUCTS BY HPLC	04	2020.11.24
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	2019.03.29
FC	I	4.2.1	National food safety standard –Determination of Neotame in food	GB 5009.247-2016 2016-08	ESS-TP-5212	DETERMINATION OF NEOTAME IN FOODS	01	2019.03.29
FC	I	4.2.1	National food safety standard –Determination of sucralose in food	GB 22255-2014 2015-01	ESS-TP-5407	DETERMINATION OF SUCRALOSE BY HPLC/ELSD METHOD	01	2019.07.19
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	National food safety Standards –Determination of Nucleotides in Infant Foods and Dairy Products	GB 5413.40-2016 2016-08	ESS-TP-4590	NUCLEOTIDES IN INFANT FORMULA AND NUTRITIONAL PRODUCTS BY HPLC GB method	01	2019.02.13
FC	I	4.2.1	Foodstuffs-Determination of vitamin A by high performance liquid chromatography	BS EN 12823-1 2014-05	ESS-TP-1416	VITAMIN A AND E BY HPLC	01	2019.02.13
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	03	2018.05.25
FC	I	4.2.1	Foodstuffs-Determination of vitamin E by high performance liquid chromatography	BS EN 12822 2014-06	ESS-TP-1416	VITAMIN A AND E BY HPLC	01	2019.02.13
FC	I	4.2.1	Foodstuffs-Determination of vitamin D by high performance liquid chromatography	BS EN 12821-2009 2009-04	ESS-TP-1431	VITAMIN D BY HPLC	03	2020.08.19
FC	I	4.2.1	Vitamin D3 (Cholecalciferol) in Ready-To-Feed Milk-Based Infant Formula Liquid Chromatographic Method First Action 1992 Final Action 1995	AOAC 992.26-1995	ESS-TP-1431	VITAMIN D BY HPLC	02	2018.03.07
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	03	2019.01.07
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 HPLC/FLD	02	2020.11.24
FC	I	4.2.1	National food safety standard –Determination of sodium propionate, and calcium propionate in food	GB 5009.120-2016 2016-08	ESS-TP-6405	DETERMINATION OF PROPIONATE IN FOOD	01	2020.01.20
FC	I	4.2.1	Method for detecting tea polyphenols and catechins in tea	GB/T 8313-2018 2018-11	ESS-TP-5472	DETERMINATION OF TOTAL POLYPHENOLS IN TEA AND TEA PRODUCT/COLORIMETRIC METHOD	01	2019.07.29
FC	I	4.2.1	Determination of catechins in solid instant tea	GB/T 21727-2008 2008-05	ESS-TP-6011	DETERMINATION OF CATECHIN AND CAFFEINE IN TEA	01	2019.09.18
FC	I	4.2.1	Determination of Synthetic colors in foods by using HPLC-DAD	GB 5009.35-2016 2016-09	ESS-TP-2277	SYNTHETIC COLOURS IN FOODS BY LC-DAD	02	2018.08.02
FC	I	4.2.1	Determination of acesulfame potassium in beverage	GB/T 5009.140-2003 2004-01	ESS-TP-2640	DETERMINATION OF SWEETENERS BY HPLC METHOD	05	2022.08.09
FC	I	4.2.1	National food safety standard - Determination of aspartame and acesulfame potassium in food	GB 5009.263-2016 2017-06	ESS-TP-2640	DETERMINATION OF SWEETENERS BY HPLC METHOD	05	2022.08.09
FC	I	4.2.1	Determination of fructose, fructose, sucrose, maltose and lactose in foods	GB 5009.8-2016 Method 1 2017-06	ESS-TP-6054	DETERMINATION OF SUGARS IN FOOD	04	2022.04.24

FC	I	4.2.1	National food safety standard - Determination of preservatives (sorbic acid, benzoic acid) in food	GB 5009.28-2016 2017-06	ESS-TP-2431	DETERMINATION OF BENZOIC ACID AND SORBIC ACID 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 and Cotinine 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-MS 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	4.2.2	Foods of plant origin - Multiresidue methods for the gas chromatographic determination of pesticide residues	BS EN 12393-2013	ESS-TP-0721	Determination of Pesticide Residues in food stuff 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
FC	II	4.2.2	National food safety standard Determination of Deoxynivalenol and its acetylated derivatives in food	GB 5009.111-2016 Method 1 2017-06	ESS-TP-5609	Determination of deoxynivalenol in foods	01	2019.10.25
Res	II	4.2.2	Determination of 450 pesticides and related chemicals residues in fruits and vegetables LC-MS/MS method	GB/T 20769 2008	ESS-ED-3010	GBT 20769-2008 450 kinds of fruits and vegetables in the determination of residual pesticides and related chemicals liquid chromatography - tandem mass spectrometry	2008	2008.12.13
Res	II	4.2.2	Food safety national standard -- Determination of residues of 448 pesticides and related chemicals in tea by liquid chromatography - mass spectrometry	GB 23200.13-2016 2017-06	ESS-ED-3012	Food safety national standard -- Determination of residues of 448 pesticides and related chemicals in tea by liquid chromatography - mass spectrometry	2016	2016.12.18
Res	II	4.2.2	Determination of Chlormequat and Mepiquat by LC-MS/MS	DIN EN 15055: 2006 2014-02	ESS-TP-0720	Determination of Chlormequat and Mepiquat by LC-MS/MS	02	2022.12.09
Res	II	4.2.2	National food safety standards—Determination of multiple carbamate pesticides residues in milk and dairy products Liquid chromatography - mass spectrometry	GB 23200.90-2016 2017-06	ESS-TP-4317	Determination of various carbamate pesticides residues in milk and dairy products	01	2019.02.18
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	Determination of 486 pesticides and related chemicals residues in grains—LC-MS-MS method	GB/T 20770-2008 2009-05	ESS-TP-4557	Determination of pesticide and related chemical residues in grain valley by liquid chromatography-series mass spectrometry	01	2019.02.12
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-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	04	2021.08.05
Res	II	4.2.2	National food safety standards—Determination of Patulin in food.	GB 5009.185-2016	ESS-ED-3069	Determination of Patulin in food.	2016	2016.12.23
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	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-MS 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-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 QuEChERS an	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 QuEChER	EURL-SRM-17 V2 2015.05	ESS-TP-7272	Determination of TFNA and TFNG in Food Liquid Chromatography- Mass Spectrometry / Mass Spectrometry	01	2020.12.11
Res	II	4.2.2	Analysis of Acidic Pesticides Entailing Conjugates and/ or Esters in their Resid	EURL-SRM-43 V2 2021.04	ESS-TP-6591	QuEChERS-Based Method for the Simultaneous Determination of Acidic Pesticides, Their Esters, and Conjugates Following Alkaline Hydrolysis	03	2020.11.07
Res	II	4.2.2	Determination of Glyphosate, its Degradation Product Aminomethylphosphoni	USGS Techniques and Methods 5-A10 2009	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	Quick Method for the Analysis of Numerous Highly Polar Pesticides in Food In	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 Numerous Highly Polar Pesticides in Food In	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 Numerous Highly Polar Pesticides in Food In	EURL-SRM-09 QuPpe-PO-Method V12 2021.07	ESS-TP-6692	Determination of N-Acetyl Glufosinate , N-Acetyl AMPA and 3-MPPA in fruits, vegetables, cereals, tea and milk by LC-MS/MS	01	2021.03.05
Res	II	4.2.2	Quick Method for the Analysis of Numerous Highly Polar Pesticides in Food In	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 standards—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	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	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 V4-2 2019-02-2022.12.09	ESS-TP-0720	Determination of Chlormequat and Mepiquat by LC-MS/MS	02	2019.02.18 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	2021-03-05 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 tufts for export—LC-MS/MS method	SN/T 5219-2019 2020-07	ESS-ED-3128	Determination of picloram, aminopyralid residues in foods tufts 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 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	4.3.1	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	EUR-L-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	Polychlorinated Bipheyls in food by GC-ECD	01	2019.02.19
FC	I	4.3.1	National food safety standard - Determination of trans-fatty acid in foods	GB 5009.257-2016 2016-08	ESS-TP-2505	DETERMINATION OF FATTY ACID PROFILE IN FOOD	04	2018.08.29
FC	I	4.3.1	National food safety standard –Determination of dehydroacetic acid 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 (modification: No BF3 - CH3OH solution used)	04	2018.08.29
Res	I	4.3.1	Cholesterol in foods; Direct Saponification - Gas Chromatographic method	AOAC Official Method 994.10 1994	ESS-TP-3401	Determination of Cholesterol in Foods Direct Saponification – Gas Chromatographic Method	04	2023.03.08
Res	I	4.3.1	Analysis of Dithiocarbamate Residues into Carbon Disulfide, Partitioning into Isooctane and Determinative Analysis by GC-ECD	EUR-L-SRM-14 V2 2009.12	ESS-TP-2583	Gas-chromatographic Screening-method for Determination of Dithiocarbamates and/or Thiuram Disulphides Fungicides in Low Fat Food	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	Gas-chromatographic Screening-method for Determination of Dithiocarbamates and/or Thiuram Disulphides Fungicides in Low Fat Food	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-MS 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	National food safety standards—Determination of 475 pesticides and related chemicals residues in grains Gas chromatography-mass spectrometry	GB 23200.9-2016 2017-06	ESS-TP-4530	Determination of pesticide and related chemical residues in grain valley by gas chromatography-mass spectrometry	01	2019.02.12
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 standards—Determination of multiple residue of organochlorine pesticides in milk and dairy products Gas chromatography - mass spectrometry	GB 23200.86-2016 2017-06	ESS-TP-4304	Determination of various organochlorine pesticide residues in milk and dairy products	01	2019.02.12
Res	II	4.3.2	National food safety standards—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 standards—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	Determination of organochlorine pesticide multiresidues in foods (Modification: detector modified from ECD to MS)	GB/T 5009.19-2008 Method 1 2009-03	ESS-TP-5607	Determination of organochlorine pesticide multiresidues in foods	01	2019.10.25
Res	II	4.3.2	Determination of organochlorine pesticide and pyrethroid pesticide multiresidues in animal original foods	GB/T 5009.162-2008 Method 1 2009-03	ESS-TP-5608	Determination of organochlorine pesticide and pyrethroid pesticide multiresidues in animal original foods	01	2019.10.25
Res	II	4.3.2	Food safety national standard -- Determination of 500 pesticides and related chemical residues in fruits and vegetables - Gas chromatography-mass spectrometry	GB 23200.8-2016 2017-06	ESS-ED-3009	Food safety national standard -- Determination of 500 pesticides and related chemical residues in fruits and vegetables - Gas chromatography-mass spectrometry	2016	2016.12.18
Res	II	4.3.2	Determination of 519 pesticides and related chemicals residues in tea –GC-MS method	GB/T 23204-2008 2009-05	ESS-ED-3011	Determination of 519 pesticides and related chemicals residues in tea –GC-MS method	2008	2008.12.31
Res	II	4.3.2	Determination of HCH and DDT in feeds	GB/T 13090-2006	ESS-TP-6658	Determination of HCH and DDT in feeds	01	2020.04.22
Res	II	4.3.2	Foods of plant origin – Multimethod for the determination of pesticide residues using GC-MS and LC-based analysis following acetonitrile extraction/partitioning and clean-up by dispersive SPE – Modular	BS EN 15662:2018	ESS-TP-6654	Determination of Pesticide Residues in milk by GC-MS and LC-MS/MS	03	2021.02.04
Res	II	4.3.2	Analysis of Fumigants in Cereals and Dried Fruits: Part I via GC-MS/MS	EUR-LSR-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	National food safety standard - Determination of Cholesterol in foods (Modification: Detector modified from FID to MS)	GB 5009.128-2016 2017-06	ESS-TP-3401	Determination of Cholesterol in Foods Direct Saponification – Gas Chromatographic Method	3 04	2023.03.08
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	I	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	I	4.4	Determination of polyphosphates in Food	GB 5009.256-2016 2016-08	ESS-TP-8568	DETERMINATION OF POLYPHOSPHATES IN FOOD	01	2021.08.27
FC	I	4.4	Determination of Fructans in infant formula and supplemented milk powder by using Ion Chromatography	ESS-TP-1732 V1 2017-03	ESS-TP-1732	Determination of Fructans in Infant Formula and Supplemented Milk Powder by IC	01	2017.03.09
FC	I	4.4	Determination of TGOS in infant formula and supplemented milk powder by using Ion Chromatography	ESS-TP-1964 V1	ESS-TP-1964	Determination of TGOS in Infant Formula and Supplemented Milk Powder by IC (modification: add ethanol to de-lactose)	01	2017.03.09
FC	I	4.4	Determination of the organic acids in food by HPAE-CD	ESS-TP-2506 V2 2017-05	ESS-TP-2506	DETERMINATION OF ORGANIC ACID IN FOOD	02	2017.05.19

FC	I	4.4	Carbohydrates in Soluble (Instant) Coffee - Anion-Exchange Chromatographic Method with Pulsed Amperometric Detection	AOAC 995.13 1995	ESS-TP-2638	DETERMINATION OF SUGAR PROFILES IN FOOD	03	2022.11.01
FC	I	4.5	Determination of Choline in infant formula milk powder	GB 5413.20-2022 2022-06	ESS-TP-1362	Choline-Enzymatic Method	04	2020.11.24
FC	I	4.5	National food safety standard - Determination of nitrite and nitrate in foods	GB 5009.33 2017-06 method 3-2	ESS-TP-1834	DETERMINATION OF NITRITE IN FOODS	6 07	2017-06-28 2022.09.08
FC	I	4.5	Choline in Infant Formula and Milk Enzymatic Colorimetric Method	AOAC 999.14-2003	ESS-TP-1362	CHOLINEENZYMATI C METHOD	04	2020.11.24
FC	I	4.5	Method for detecting tea polyphenols and catechins in tea	GB/T 8313-2018 2018-11	ESS-TP-5472	DETERMINATION OF TOTAL POLYPHENOLS IN TEA AND TEA PRODUCTCOLORIMETRIC METHOD	01	2019.07.29
FC	I	4.5	Tea products-Part 2:Tea polyphenols	GB/T 31740-2015 2015-11	ESS-TP-5472	DETERMINATION OF TOTAL POLYPHENOLS IN TEA AND TEA PRODUCTCOLORIMETRIC	01	2019.07.29
FC	I	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		4.7	Determination of nitrite in feeds	GB/T 13085-2018 2018-09	ESS-TP-5196	DETERMINATION OF NITRITE IN FEEDS - COLORIMETRY METHOD	01	2019.04.25
FC	I	4.8	Animal feeding stuffs - Determination of crude fibre content - Method with intermediate fibrillation	ISO 6865 2000-10	ESS-TP-2147	Crude fiber in feed and food	05	2020.07.27
FC	I	4.8	Determination of Ash in Wheat Flour	AOAC 923.03 1923	ESS-TP-2715	Ash in foods(AOAC 923.03)	02	2018.07.31
FC	I	4.8	Fat in Dried Milk	AOAC 932.06 1932	ESS-TP-3878	Total fat in foods	01	2018.07.31
FC	I	4.8	Moisture in Malt (Modification: all food products except dried fruits and other food products)	AOAC 935.29 1935	ESS-TP-1559	DETERMINATION OF MOISTURE IN FOOD AND FEED BY DIRECT DRYING	10	2020.12.28
FC	I	4.8	Moisture in Dried Fruits (Modification: dried fruits and all other food products containing high sugar)	AOAC 934.06 1996	ESS-TP-1560	Determination of Moisture in foods by VACUUM DRYING METHOD	07	2020.12.16
FC	I	4.8	Determination of Moisture in foods by VACUUM DRYING METHOD	GB 5009.3-2016	ESS-TP-1560	Determination of Moisture in foods by VACUUM DRYING METHOD	07	2020.12.16
FC	I	4.8	Determination of Ash Value in Spices(modification: also food and feeding stuff)	AOAC 941.12 1941	ESS-TP-2715	DETERMINATION OF ASH IN FOOD AND FEED	02	2018.07.31
FC	I	4.8	Fat in Cacao Products - Soxhlet Extraction Method	AOAC 963.15 1973	ESS-TP-1721	DETERMINATION OF TOTAL FAT IN FOOD AND FEED	04	2022.09.08
FC	I	4.8	Crude Fat in Feeds, Cereal Grains, and Forages	AOAC 2003.05 2006	ESS-TP-2269	Determination of crude fat in food	04	2022.10.10

FC	I	4.8	National Food Safety Standard Determination of moisture in foods	GB 5009.3 2016	ESS-TP-1559	DETERMINATION OF MOISTURE IN FOOD AND FEED BY DIRECT DRYING METHOD	10	2020.12.28
FC	I	4.8	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	4.8	Determination of dietary fiber in foods by enzymatic method	AOAC 991.43	ESS-TP-1733	Determination of Dietary fiber in foods	04	2022.08.01
FC	I	4.8	Feeding stuffs - Determination of crude fiber content - Method with intermediate filtration	GB/T 6434-2022 2022-12-30	ESS-TP-2147	Determination of Crude fiber in feed and food	05	2020.07.27
FC	I	4.8	Determination of crude fiber in feed	GBT 5009.10-2003	ESS-TP-2147	Determination of Crude fiber in feed and food	05	2020.07.27
FC	I	4.8	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	4.8	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	4.8	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	4.8	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	4.8	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	05	2020.07.27
FC	I	4.8	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 CRUDE ASH	(EC)No 152/2009 2009-01	ESS-TP-2715	DETERMINATION OF ASH IN FOOD AND FEED	02	2018.07.31
FC	I	4.8	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	4.8	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	4.8	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 MOISTURE	(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	4.8	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	4.8	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	4.8	Solids (total) in fruits and fruit products	AOAC 920.151 1980	ESS-TP-1559	DETERMINATION OF MOISTURE IN FOOD AND FEED BY DIRECT DRYING METHOD	10	2020.12.28

FC	I	4.8	Solids (total) and loss on drying (moisture) in dried fruits	AOAC 925.09 1925	ESS-TP-1560	Determination of Moisture in foods by VACUUM DRYING METHOD	07	2020.12.16
FC	I	4.8	Vegetable oil test, specific gravity method 2 pycnometer method	GB/T 5526-1985 1986-06	ESS-TP-1988	DETERMINATION OF RELATIVE DENSITY IN FOODS	04	2019.03.18
FC	I	4.8	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	4.8	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	4.8	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	National Food Safety Standards for Determination of Moisture and Volatile Matter of Animal and Vegetable Oils	GB 5632.5009.236-2016 2017-03	ESS-TP-4572	DETERMINATION OF MOISTURE AND VOLATILE MATTER CONTENT IN OILS AND FATS	01	2019.01.22
FC	I	4.8	Animal and vegetable fat and oils –Determination of moisture and volatile matter content –method B, use a dry oven	ISO 662:2016 2016-04	ESS-TP-4572	DETERMINATION OF MOISTURE AND VOLATILE MATTER CONTENT IN OILS AND FATS	01	2019.01.22
FC	I	4.8	Animal and vegetable fats and oils - Determination of insoluble impurities	GB/T 15688-2008 2009-01	ESS-TP-4611	DETERMINATION OF INSOLUBLE IMPURITIES CONTENT IN OILS AND FATS	01	2019.02.15
FC	I	4.8	Animal and vegetable fats and oils - Determination of insoluble impurities	ISO 663:2017 2017-02	ESS-TP-4611	DETERMINATION OF INSOLUBLE IMPURITIES CONTENT IN OILS AND FATS	01	2019.02.15
FC	I	4.8	Animal and vegetable fats and oils - Determination of saponification - Part 2	GB/T 5535.2-2008 2008-12	ESS-TP-4560	DETERMINATION OF UNSAPONIFIABLE MATTER IN OILS AND FATS	01	2019.01.14
FC	I	4.8	Determination of neutral washing fiber (NDF) in feed	GB/T 20806-2006 2007-03	ESS-ED-2182	饲料中中性洗涤纤维 (NDF) 的测定	N/A	N/A
FC	I	4.8	codex stan 165-1989 standard for quick frozen blocks of fish fillets, minced fish flesh and mixtures	CODEX STAN 165-1989	ESS-TP-2508	PHYSICAL INSPECTION FOR FROZEN FISH BLOCKS COVERED BY GLAZE	03	2022.07.18
FC	I	4.8	Determination of acid detergent fiber (ADF) in feed	-NY/T 1459-2022 2022-10-01	ESS-ED-2183	饲料中酸性洗涤纤维的测定	N/A	N/A

FC	I	4.8	Animal and vegetable fats and oils - Determination of upsaponification - Part 2:Rapid method using hexane extraction	BS EN ISO 3596:2000 2001-08	ESS-TP-4560	DETERMINATION OF UNSAAPONIFIABLE MATTER IN OILS AND FATS	01	2019.01.14
FC	I	4.8	Animal and vegetable fats and oils - Determination of unsaponification matter - method using hexane extraction	ISO 18609:2000 2000-08	ESS-ED-2119	Animal and vegetable fats and oils — Determination of unsaponifiable matter — Method using hexane extraction	N/A	N/A
FC	I	4.8	Moisture in Animal Feed	AOAC 934.01 1934	ESS-TP-1559	OF MOISTURE IN FOOD AND FEED BY DIRECT DRYING METHOD	10	2020.12.28
FC	I	4.8	Determination of Net Weight of Frozen Fish Blocks After De-glazing	ESS-TP-2508 V2 2017-05	ESS-TP-2508	physical inspection for Frozen fish blocks covered by glaze	03	2022.07.18
FC	I	4.8	Determination of Transmittance and Color Value of Apple Juice by spectrophotometer	GB/T 18963-2012 2013-04	ESS-ED-2032	Apple juice concentrate	2012.06.29	2012.06.29
FC	I	4.9	Foodstuffs - Determination of trace elements - Performance criteria, general considerations and sample preparation	BS EN 13804 2013	ESS-TP-0555	Foodstuffs - Determination of trace elements –Performance Criteria, General Considerations and Sample Preparation According to EN13804:2002	05	2018.08.03
FC	I	4.9	Foodstuffs - Determination of trace elements. Pressure digestion	BS EN 13805 2014-10	ESS-TP-0555	SAMPLE DIGESTION –TRACE ELEMENTS IN FOOD STUFF	05	2018.08.03
FC	I	4.9	Foodstuffs. Determination of trace elements. Determination of mercury by cold-vapour atomic absorption spectrometry (CVAAS) after pressure digestion	BS EN 13806 2002-09	ESS-TP-0658	DETERMINATION OF MERCURY IN FOODS AND FEED BY COLDVAPOR ATOMIC ABSORPTION SPECTROMETRY (CVAAS)	06	2019.08.19
FC	I	4.9	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	4.9	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	4.9	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	4.9	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 1 2021-09	ESS-TP-0658	DETERMINATION OF MERCURY IN FOODS AND FEED BY COLDVAPOR ATOMIC ABSORPTION SPECTROMETRY (CVAAS)	06	2019.08.19
FC	I	4.9	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	01	2019.02.15
FC	I	4.9	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	4.9	National food safety standard - Determination of nickel in food	GB 5009.138-2017 2017-04	ESS-TP-2979	DETERMINATION OF ELEMENTS IN FOODS AND FEED BY GRAPHITE FURNACE ATOMIC ABSORPTION SPECTROMETRY [2979]	04	2021.08.09

FC	I	4.9	Determination of mercury in feed	GB/T 13081-2006 2006-12	ESS-TP-0658/ ESS-TP-6415	DETERMINATION OF MERCURY IN FOODS AND FEED BY COLDVAPOR ATOMIC ABSORPTION SPECTROMETRY (CVAAS)/ DETERMINATION OF TOTAL MERCURY IN FOODS	06	2020.05.09
FC	I	4.9	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	4.9	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	4.9	National food safety standard Determination of Total Mercury and Organic- mercury in Food	GB 5009.17-2021 chapter 1 method 4 2021-09	ESS-TP-0658	DETERMINATION OF MERCURY IN FOODS AND FEED BY COLDVAPOR ATOMIC ABSORPTION SPECTROMETRY (CVAAS)	06	2019.08.19
FC	I	4.9	National food safety standard Determination of Total Mercury and Organic- mercury in Food	GB 5009.17-2021 Chapter 2 method 1 2021-09	ESS-TP-4523	DETERMINATION OF METHYL MERCURY IN FOOD BY LC-AFS	01	2019.02.15
FC	I	4.9	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	4.9	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	4.10	Water quality. Application of inductively coupled plasma mass spectrometry (ICP-MS). Determination of selected elements including uranium isotopes (Modification: here for food)	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	4.10	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	4.10	Rare Earth Elements (16 elements) in plant food by ICP-MS	GB 5009.94 2012	ESS-TP-0891	DETERMINATION OF RARE EARTH ELEMENTS IN PLANT FOOD	2 03	2017-06-04 2022.11.17
FC	I	4.12	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	4.10	National food safety standard Determination of Potassium and sodium in food	GB 5009.91-2017 Method 4 2017-10	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	4.10	National food safety standard Determination of magnesium in food	GB 5009.241-2017 Method 3 2017-10	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	4.10	National food safety standard Determination of Aluminum in foods	GB 5009.182-2017 Method 2 2017-10	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	4.10	National food safety standard Determination of Calcium in food	GB 5009.92-2016 Method 4 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	4.10	National food safety standard Determination of Iron in foods	GB 5009.90-2016 Method 3 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	4.10	National food safety standard Determination of Zinc in foods	GB 5009.14-2017 Method 3 2017-10	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	4.10	National food safety standard Determination of total arsenic and abio-arsenic in food	GB 5009.11-2014 Method 1 2016-03	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	4.10	National food safety standard Determination of Lead in foods	GB 5009.12-2017 Method 2 2017-10	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	4.10	National food safety standard Determination of copper in foods	GB 5009.13-2017 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	4.10	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	4.14	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 FEEDKJELDAHL METHOD	06	2021.06.15
FC	I	4.14	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 FEEDKJELDAHL METHOD	06	2021.06.15
FC	I	4.14	National standard for food safety - determination of amino acid nitrogen in food	GB 5009.235-2016 2017-03	ESS-TP-6372	DETERMINATION OF AMINO ACID NITROGEN IN FOODpH METER TITRATION METHOD	02	2020.12.28
FC	I	4.14	Determination of digestibility of pepsin in animal protein feed	GB/T 17811-2008 2008-07	ESS-TP-6056	Determination of feed pepsin digestibility	01	2019.10.11
FC	I	4.14	Determination of crude protein in feed Kjeldahl method	GB/T 6432-2018 2019-04	ESS-TP-1557	DETERMINATION OF PROTEIN IN FOOD AND FEEDKJELDAHL METHOD	06	2021.06.15
FC	I	4.14	Determination of sucrose and total sugar in foods by titration method	ISO 5377-1994	ESS-TP-2564	Determination of total sugar and sucrose in foods	03	2017.08.21
FC	I	4.14	Determination of sodium chloride in foods	GB 5009.44-2016 2017-03	ESS-TP-2041	DETERMINATION OF CHLORIDE IN FOOD BY ARGENTOMETRY	03	2021.05.22
FC	I	4.14	Determination of acid value in foods	GB 5009.229-2016 2017-03	ESS-TP-1806	DETERMINATION OF ACID VALUE OF OIL IN FOODS GB METHOD	05	2018.11.30
FC	I	4.14	Export food and feed inspection - Part 4: Methods for determination of urease activity	SN/T 0800.4-2015 2016-07	ESS-TP-2373	DETERMINATION OF UREASE ACTIVITY IN FEED AND GRAIN	03	2020.03.12
FC	I	4.14	Feed ingredients Soybean meal	GB/T 19541-2017 2018-02	ESS-TP-4297	DETERMINATION OF KOH SOLUBLE PROTEIN RATIO	01	2018.12.03
FC	I	4.14	Animal and vegetable fats and oils-Determination of iodine value	GB/T 5532-2008 2009-01	ESS-TP-4542	DETERMINATION OF IODINE VALUE IN OILS AND FATS	01	2019.01.08
FC	I	4.14	Animal and vegetable fats and oils-Determination of iodine value	ISO3961:2018 2018-08	ESS-TP-4542	DETERMINATION OF IODINE VALUE IN OILS AND FATS	01	2019.01.08
FC	I	4.14	Animal and vegetable fats and oils- Determination of saponification value	GB/T 5534-2008 2009-01	ESS-TP-4526	DETERMINATION OF SAPONIFICATION VALUE IN OILS AND FATS	01	2018.12.25
FC	I	4.14	Animal and vegetable fats and oils- Determination of saponification value	ISO 3657:2013 2013-07	ESS-TP-4526	DETERMINATION OF SAPONIFICATION VALUE IN OILS AND FATS	01	2018.12.25
FC	I	4.14	saponification value	AOCS Office Method Cd 3-25(revised 2011)	ESS-TP-4526	DETERMINATION OF SAPONIFICATION VALUE IN OILS AND FATS	01	2018.12.25
FC	I	4.14	Grain and oil inspection Determination of the amount of soap in vegetable oils	GB/T 5533-2008 2009-01	ESS-TP-4579	DETERMINATION OF SOAP CONTENT IN VEGETABLE OILS	01	2019.01.25

FC	I	4.14	Peroxide Value, Acetic Acid, Isooctane Method	Official Method Cd 8b-90 2017	ESS-TP-0662	Determination of peroxide value in fats and OILS-AOCS Method	05	2021.05.31
FC		4.11	Water quality. Application of inductively coupled plasma mass spectrometry (ICP-MS). Determination of selected elements including uranium isotopes (Modification: here applied for feeding stuff)	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	4.12	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	I	4.12	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 PLASMA-OPTICAL EMISSION SPECTROSCOPY (ICP-OES)	01	2020.05.22
FC		4.13	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	4.14	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	4.14	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	4.14	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	4.14	Acidity (Titratable) of Fruit Products	AOAC 942.15 1980	ESS-TP-1840	Determination of Total acid in food	04	2021.11.01
FC	I	4.14	Protein (Crude) Determination in Animal Feed: Copper Catalyst Kjeldahl Method	AOAC 984.13 1994	ESS-TP-1557	DETERMINATION OF PROTEIN IN FOOD AND FEEDKJELDAHL METHOD	06	2021.06.15
FC	I	4.14	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-4046 ESS-TP-1437	Vitamin C by titration	02	2020.11.13
FC	I	4.14	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 OILSAOCS METHOD	05	2021.05.31
FC	I	4.14	National food safety standard Determination of protein in Foods	GB 5009.5-2016	ESS-TP-1557	DETERMINATION OF PROTEIN IN FOOD AND FEEDKJELDAHL METHOD	06	2021.06.15

FC	I	4.14	Starch hydrolysis products; Determination of reducing power and dextrose equivalent; Lane and Eynon constant titre method	GBT 5009.7-2016 2017-07	ESS-TP-2509	REDUCING SUGAR IN FOODS	04	2020.02.14
FC	I	4.14	Determination of sucrose and total sugar in foods by titration method	GB 5009.8-2016 Method 2 2017-08	ESS-TP-2564	Determination of total sugar and sucrose in foods	04	2022.11.17
FC	I	4.14	Determination of starch in foods	GB 5009.9-2016 2017-06	ESS-TP-2821	DETERMINATION OF STARCH IN FOOD AND FEED	02	2022.10.10
FC	I	4.14	Determination of sulfur dioxide in foods	GB 5009.34-2022 2022-06	ESS-TP-1359	DETERMINATION OF SULPHITE IN FOODS	06	2022.08.10
FC	I	4.14	Determination of peroxide value in foods	GB 5009.227-2016 2017-03	ESS-TP-2072	DETERMINATION OF PEROXIDE VALUE IN FOOD	05	2022.03.03
FC	I	4.14	Determination of the total volatile basic nitrogen in fishery products	GB 5009.228-2016	ESS-TP-2008	DETERMINATION OF TOTAL VOLATILE BASIC NITROGEN IN FOOD	03	2021.11.05
FC	I	4.14	Determination of acid value in foods	GB 5009.229-2016 2017-03	ESS-TP-1806	DETERMINATION OF ACID VALUE OF OIL IN FOODS GB METHOD	05	2018.11.30
FC	I	4.14	National Food Safety Standard Determination of acidity in foods	GB 5009.239-2016 2017-03	ESS-TP-1617	DETERMINATION OF ACIDITY IN DAIRY PRODUCT	03	2022.08.09
FC	I	4.14	Determination of total acid in foods by titration method and pH electric potential method	GB 12456-2021 2021.08	ESS-TP-1840	Determination of Total acid in food	04	2021.11.01
FC	I	4.14	Determination of total acid in foods by titration method and pH electric potential method	GB/T 12456-2008 2017-04	ESS-TP-1840	Determination of Total acid in food	04	2021.11.01
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 DNAAnimal 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 DNAAnimal 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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