eurofins 欧陆分析技术服务（苏州）有限公司 Eurofins Technology Services (Suzhou) Co., Ltd			Methods Log for DAkkS Accredited Tests				文件编号 Document No.	ESS-QP-7.02 F09 e
							发布日期 Date of issue	2020.03.25
							版本 Version	01
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)	02	2025.03.20
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 - Part 1:Colony-count technique at 30 °C by the pour plate technique - Amendment 1: Clarification of scope	ISO 4833-1:2013-09 AMD1:2022-01	ESS-TP-0548	Aerobic plate Count	03	2023.10.08
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.- Amendment 1: Broader range of incubation temperatures, amendment to the status of Annex D, and correction of the composition of MSRV and SC (Modification: also higher weight of samples)	ISO 6579-1:2017-02 AMD 1:2020-03	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 Amendment 1	ISO 6888-1:2021-08 AMD 1:2023-09	ESS-TP-3273	Enumeration of cougulase postive staphyloccoci	09	2023.07.17
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	02	2024.09.30
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 AMENDMENT 1: Inclusion of performance testing of culture media and reagents	ISO 7251 2005-02 AMD 1:2023-10 ~~2005-02~~	ESS-TP-3263	Detection and enumeration of presumptive E coli -MPN technique	08	2023.10.07
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 AMD 1:2020-03	ESS-TP-1451	Enumeration of Bacillus Cereus	02	2023.10.08
MB	I	1.1	~~Microbiology of food and animal feeding stuffs - Horizontal method for the enumeration of Clostridium perfringens - Colony-count technique~~ Microbiology of the food chain — Horizontal method for the detection and enumeration of Clostridium spp. — Part 2: Enumeration of Clostridium perfringens by colony-count techniqu	~~ISO 7937~~ ISO 15213-2 ~~2004-08~~ 2023-11	ESS-TP-4155	Enumeration of Clostridium perfringens	06	2025.03.12
MB	I	1.1	Microbiology of the food chain – Horizontal method for the detection and enumeration of Campylobacter spp. – Part 1: Detection method. AMENDMENT 1: Inclusion of methods for molecular confirmation and identification of thermotolerant Campylobacter spp., the use of growth supplement in Preston broth and changes in the performance testing of culture media	ISO 10272-1 2017-06 AMD 1: 2023-01 ~~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 AMENDMENT 1: Inclusion of methods for molecular confirmation and identification of thermotolerant Campylobacter spp. and changes in the performance testing of culture media	ISO 10272-2 2017-06 AMD 1:2023-01 ~~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 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 2023-01	ESS-TP-3012	Enumeration of Sulfite-reducing Clostridium spp.	03	2023.06.17
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	Horizontal Method for the Enumeration of Escherichia coli	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	02	2024.03.16
MB	I	1.1	Microbiology of food and animal feeding stuffs - Horizontal method for the detection of Escherichia coli 0157 - Amendment 2: Inclusion of performance testing of all culture media and reagents	ISO 16654 2001-05 AMD2: 2023-01	ESS-TP-3264	Detection of Escherichia coli O157 (Modification：weight)	04	2023.07.17
MB	I	1.1	Microbiology of the food chain - Horizontal method for the detection and enumeration of Enterobacteriaceae - Part 1: Detection of Enterobacteriaceae	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 - Amendment 1: Inclusion of performance testing of culture media and reagents (Limitation: Here only Vibrio parahaemolyticus and Vibrio cholera)	ISO 21872-1:2017-06 AMD1::2023-02	ESS-TP-1449	Detection of Vibrio parahaemolyticus and Vibrio cholerae	06	2023.07.17
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 Cronobacter 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	AEROBIC PLATE COUNT (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~~ GB 4789.4-2024 2024-08	ESS-TP-2721	Detection of salmonella species (Modification：weight)	10	2024.08.16
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 OF STAPHYLOCOCCUS AUREUS	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 HEMOLYTICUSCUS	02	2025.03.20
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	05	2023.09.28
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 -2023 ~~2013-11~~ 2024-03	ESS-TP-1455	COMMERCIAL STERILITY TEST	04	2024.05.16
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-~~2016~~-2023 ~~2017-06~~	ESS-TP-2725	Enumeration of Mesophilic lactic acid bacteria	05	2024.03.29
MB	I	1.1	Microbiological examination of food hygiene.Examination of Escherichia coli O157:H7/NM	~~GB/T~~ GB 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	Enumeration of Escherichia coli- MPN technique	08	2023.09.20
MB	I	1.1	National food safety standard-Food microbiological examination: Enumeration of Fecal Coliforms	GB 4789.39-2013 2014-06	ESS-TP-3284	ENUMERATION OF THERMOTOLERANT COLIFORM BACTERIA	02	2024.09.30
MB	I	1.1	~~National food safety standard Food microbiological examination:Enterobacter sakazakii~~ National food safety standard Food microbiological examination:Detection of Cronobacter spp.	~~GB 4789.40-2016~~ ~~2017-06~~ GB 4789.40-2024 2024-08	ESS-TP-2709	Detection and enumeration of Enterobacter sakazakii	~~05~~	2024.07.19
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~~-2023 ~~2007-03~~ 2024-03	ESS-TP-1456	Examination of Bacterial Count in Feeds	02	2024.03.29
MB	I	1.1	Microbiology - Detection and enumeration of Pseudomonas spp. and Pseudomonas aeruginosa	CRA IX-A-1 2007-01	ESS-TP-6647	Pseudomonas species presumptive spread plate method and confirmation of Pseudomonas aeruginosa	03	2025.03.20

MB	I	1.1	Bacteriological Analytical Manual, Chapter 3: Aerobic Plate Count	FDA-BAM Chapter 3 2001-01	ESS-TP-9514	Aerobic Plate Count	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	Enumeration of Coliform-plate count 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 ,2023-09~~ FDA BAM Chapter 5 2024-05	ESS-TP-1445	Detection of salmonella species	05	2024.09.30
MB	I	1.1	Bacteriological Analytical Manual, Chapter 10: Listeria monocytogenes	FDA-BAM Chapter 10,2022-04	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	09	2024.08.23
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	04	2023.10.08
MB	I	1.1	Microbiology - Enumeration of mesophilic aerobic sporeformers	APHA Compendium Chapter 23 2015-06	ESS-TP-4167	Enumeration of Mesophilic aerobic sporeformers	03	2023.09.28
MB	I	1.1	Microbiology - Enumeration of Mesophilic anaerobic sporeformers	APHA Compendium Chapter 24 2015-06	ESS-TP-4166	Enumeration of Mesophilic anaerobic sporeformers	03	2023.09.28
MB	I	1.1	Microbiology - Enumeration of thermophilic aerobic sporeformers	APHA Compendium Chapter 26 2015-06	ESS-TP-4170	Enumeration of Thermophilic aerobic sporeformers	03	2023.10.08
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 Official Method 991.14 1994	ESS-TP-4558	Coliform and Escherichia coli Counts in Foods - Dry Rehydratable Film method	02	2024.03.29
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	02	2025.03.20
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	05	2024.03.29
MB	I	1.1	Thermotolerant coliform bacteria Enumeration in food and feed	NMKL 125 2005	ESS-TP-3285	Enumeration of Thermotolerant coliform	02	2024.09.30
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	02	2024.09.30
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	05	2024.03.29
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	02	2024.09.30

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	02	2024.09.30
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 moulds and yeasts	04	2020.10.28
MB	I	1.2	Microbiology - Enumeration of Heat-resistant moulds	APHA Compendium Chapter 22 2015-06	ESS-TP-3287	Enumeration of total heat-resistant mold	03	2023.10.08
~~MB~~	~~I~~	~~2~~	~~National food safety standard - Determination of pantothenic acid in foods~~	~~GB 5009.210-2016 2023~~ ~~2017-03~~ ~~2024.03~~	~~ESS-TP-3334~~	~~MICROBIOLOGICAL MICROTITER PLATE TEST TO QUANTITATE PANTOTHENIC ACID~~	~~4~~ ~~05~~	~~2019.02.23~~ ~~2024.03.01~~
~~MB~~	~~I~~	~~2~~	~~National food safety standard - Determination of folic acid in foods~~	~~GB 5009.211-2022~~ ~~2022-12~~	~~ESS-TP-3337~~	~~National Food Safety Standard - Determination of Folic Acid in Food~~	~~04~~	~~2023.07.17~~
~~MB~~	~~I~~	~~2~~	~~National Food Safety Standard-Determination of biotin in food~~	~~GB 5009.259-2016 2023~~ ~~2017-03~~ ~~2024-03~~	~~ESS-TP-3335~~	~~MICROBIOLOGICAL MICROTITER PLATE TEST TO BIOTIN (Modification: KIT Method)~~	~~4~~ ~~05~~	~~2019.02.23~~ ~~2024.03.01~~
~~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~~ ~~2022-12~~	~~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	05	2024.04.05
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	05	2024.03.01
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	08	2024.05.16
MB	I	2	Total Folate (Pteroylglutamic Acid) in In fant For mula Microbiological Methods	AOAC 992.05 1995	N/A	N/A	N/A	N/A
MB	I	2	Cobalamin (Vitamin B12 Activity) in Milk-Based In fant For mula Turbidimetric Method	AOAC 986.23 1988	N/A	N/A	N/A	N/A
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	05	2024.03.01
Dairy	I	3	Enzyme immunoassay for the quantitative determination of casein in food	R-Biopharm AG RIDASCREEN®FAST Casein R4612 2022-05	ESS-TP-1564	Casein in food using enzyme immunoassay	01	2021.06.04

Dairy	I	3	Enzyme immunoassay for the quantitative determination of peanut and peanut protein in food	R-Biopharm AG RIDASCREEN®FAST Peanut R6811 2021-12	ESS-TP-1571	PEANUT IN FOOD USING ENZYME IMMUNOASSAY	01	2022.06.13
Dairy	I	3	Enzyme immunoassay for the quantitative determination of gliadins and corresponding proteins in food	~~R-Biopharm AG~~ ~~RIDASCREEN® Gliadin~~ ~~R7001~~ ~~2021-10~~ R-Biopharm AG RIDASCREEN® Gliadin R7001 2024-06	ESS-TP-1567	GLIADIN IN FOOD USING ENZYME IMMUNOASSAY	01	2022.06.29
Dairy	I	3	Enzyme immunoassay for the quantitative determination of egg (-powder) in food	R-Biopharm AG RIDASCREEN®FAST Ei/Egg Protein R6402 2022-05	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~~ R-Biopharm RIDASCREEN®FAST β-lactoglobulin R4912 2023	ESS-ED-4238	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	05	2024.02.06
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	06	2024.05.07

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~~ GB 5009.11-2024 Chapter II, Method 1 2024-08	ESS-TP-3861	DETERMINATION OF INORGANIC ARSENIC IN FOOD BY LC-AFS	~~03~~	2024.08.06
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	02	2024.11.08
FC	I	4.2.1	National food Safety standard-Determination of pantothenic acid in foods	~~GB 5009.210-2016 Method 2 2017-03~~ GB 5009.210-2023 First method 2024-03	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	02	2024.05.07
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	05	2023.10.06
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~~ National food safety standard Determination of vitamin D in foods	~~GB 5009.82-2016 2017-06~~ GB 5009.296-2023 2024-03	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~~ GB 5009.154-2023 Third method 2024-03-06	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~~ GB 5009.89-2023 2024-03-06	ESS-TP-1397	VITAMIN B3 (NIACIN AND NIACINAMIDE) IN DAIRY PRODUCTS BY HPLC	05	2024.06.14
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	04	2023.08.04
FC	I	4.2.1	National Food Safety Standard Determination of aflatoxin M in Food	GB 5009.24-2016 Method 2 2017-06	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	02	2023.12.21
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 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	02	2025.03.21

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	03	2025.03.21
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~~ GB 5009.97-2023 2024-03	ESS-TP-5211	DETERMINATION OF SODIUM CYCLAMATE IN FOOD	02	2024.05.17
FC	Ⅰ	4.2.1	Vitamin K in Milk and Infant Formulas Liquid Chromatographic Method	AOAC 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— Measurement of all-E-retinol and 13 Z-retinol	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 — Measurement of ct-, ß-, y- and 6-tocopherol	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— Measurement of cholecalciferol (D3) or ergocalciferol (D2)	BS EN 12821 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 niacin by high performance liquid chromatography	BS EN 15652 2009-05	ESS-TP-1397	VITAMIN B3 (NIACIN AND NIACINAMIDE) IN FOODS BY HPLC	05	2024.06.14
FC	Ⅰ	4.2.1	Taurine in Powdered Milk and Powdered Infant Formulae Liquid Chromatographic Method	AOAC 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 preservatives (sorbic acid, benzoic acid) 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 Naled in tea and coffee matrix by LC-MS/MS	ESS-TP-8912 V2 2022-10	ESS-TP-8912	Determination of Naled in tea and coffee matrix by LC-MS/MS	02	2022.10.28
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	11	2023.10.27

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 2006-08 BS EN 15055 2006-06	ESS-TP-0720	Determination of Chlormequat and Mepiquat by LC-MS/MS	02	2022.12.09
~~Res~~	~~II~~	~~4.2.2~~	~~Non fatty foods. Determination of Chlormequat and Mepiquat LC-MS/MS method~~	~~BS EN 15055 2006-06~~	~~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 Pesticides and Related Chemicals Residues in Milk and Milk powder by LC-MS/MS	02	2024.01.15
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 V12.3 2024.12.30	ESS-TP-4246	Paraquat and Diquate analysis in foods by LC-MS/MS	07	2025.03.18
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 V3.3 2024.12.30	ESS-TP-6293	Determination of Chlorate, Perchlorate, Ethephon, Fosetyl aluminum and Phosphonic acid by LCMS/MS	04	2023.12.26
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 (Limitation: here only for LC-MS/MS)	EURL-SRM-09 QuPPe-PO-Method V12.3 2024.12.30	ESS-TP-6293	Determination of Chlorate ,Perchlorate,Ethephon ,Fosetyl aluminum and Phosphonic acid by LC-MS/MS	04	2023.12.26
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 (Limitation: here only for food)	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	02	2025.03.18
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 V3.3 2024.12.30	ESS-TP-4246	Paraquat and Diquate analysis in foods by LC-MS/MS	07	2025.03.18
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 V12.3 2024.12.30	ESS-TP-4641	Polar Pesticides by LC-MS/MS (Quppe Method)	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 V12.3 2024.12.30	ESS-TP-6692	Determination of N-Acetyl Glufosinate , N-Acetyl AMPA an	02	2024.01.15
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 V12.3 2024.12.30	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~~	~~4.2.2~~	~~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
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-AO-Method V3.3 2024.12.30	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	02	2024.01.15
FC	Ⅱ	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	05	2024.02.06
Res	Ⅱ	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	02	2024.01.15
Res	Ⅱ	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	02	2024.01.15
FC	Ⅱ	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	02	2024.08.28
Dairy	Ⅱ	4.3.1	National food safety standard Determination of inositol in foods	~~GB 5009.270-2016~~ ~~2017-06~~ GB 5009.270-2023 First method 2024-03-06	ESS-TP-1439	INOSITOL BY GC	2	2024.05.07
FC	Ⅱ	4.3.1	National food safety standard Determination of fatty acid in foods	GB 5009.168-2016 2017-06	ESS-TP-12085	-DETERMINATION OF FATTY AICDS IN FOOD- NORMALIZATION METHOD	01	2024.02.06
FC	Ⅱ	4.3.1	National food safety standard Determination of trans fatty acids in foods for infants and young children, milk and milk products	GB 5413.36-2010 2010-06	ESS-TP-12955	National food safety standard Determination of trans fatty acids in foods for infants and young children, milk and milk products	01	2024.07.18
Res	Ⅱ	4.3.1	Analysis of Dithiocarbamate Residues in Foods of Plant Origin Involving Clevage into Carbon Disulfide, Partitioning 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	05	2024.01.15
Res	Ⅱ	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	Ⅱ	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	05	2024.01.15

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~~ 11	2023.10.27
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 Pesticides and Related Chemicals Residues in Milk and Milk powder by GC-MS/MS	02	2024.01.15
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 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	4.3.2	Analysis of Fumigants, Chloropicrin in Cereals and Dry Fruits Applying GC-MS/MS	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	02	2025.03.11
Res	Ⅱ	4.3.2	Determination of Dicamba and 2,3,6-TBA in Foods by GC-MS/MS	ESS-TP-10172 V1 2022-09	ESS-TP-10172	Determination of Dicamba and 2,3,6-TBA in Foods by GC-MS/MS	01	2022.09.29
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	02	2025.03.11
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		4.4	National food safety standard -- Determination of nitrite and nitrate in foods	GB 5009.33-2016 2017-06	ESS-TP-3750	NITRATE IN FOOD BY IC METHOD	03	2023.12.21
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	02	2024.08.28
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 2017-03	ESS-TP-1559	DETERMINATION OF MOISTURE IN FOOD AND FEED BY DIRECT DRYING METHOD	10	2020.12.28
FC	Ⅰ	4.7	National food safety standards - Determination of dietary fiber in foods	~~GB 5009.88-2014 2016-03~~ GB 5009.88-2023 2024-03	ESS-TP-1733	Determination of Dietary fiber in foods	06	2024.03.07

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 vegetable foods	GBT 5009.10-2003 2004-01	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	National Food Safety Standard-Determination of relative density of foods Method 1	~~GB 5009.2 2016~~ GB 5009.2-2024	ESS-TP-1988	Determination of relative density of foods	~~04~~ 05	~~2019.03.18~~ 2024.04.03
FC	I	4.7	National food safety standard-Determination of nonfat total milk solids in milk and milk products	GB 5413.39 2010-06	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	07	2024.04.17
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 ANNEX III paragraph I 27.01.2009	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 CRUDE ASH	(EC)No 152/2009 2009-01 ANNEX III paragraph M 27.01.2009	ESS-TP-2715	DETERMINATION OF ASH IN FOOD AND FEED	03	2024.04.03
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	03	2024.04.03
FC	I	4.7	Animal feeding stuffs –Determination of crude ash	ISO 5984 2022-11	ESS-TP-2715	DETERMINATION OF ASH IN FOOD AND FEED	03	2024.04.03
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 MOISTURE	(EC)No 152/2009 2009-01 ANNEX III paragraph A 27.01.2009	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 ANNEX III paragraph H 27.01.2009	ESS-TP-3878	DETERMINATION OF TOTAL FAT IN FEED	02	2023.12.21
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	02	2023.12.21
FC	I	4.7	Animal feeding stuffs –Determination of fat content	ISO6492-1999 1999-08	ESS-TP-3878	DETERMINATION OF TOTAL FAT IN FEED	02	2023.12.21
FC	I	4.7	Total Dietary Fiber in Foods Enzymatic-Gravimetric Method	AOAC Official Method 985.29 1986	ESS-TP-12857	DETERMINATION OF DIETARY FIBER IN FOOD	01	2024.06.17

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 5009.12-2023 Method 1 2024-03	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 5009.15-2023 First method 2024-03	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 5009.123-2023 Method 1 2024-03	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 and 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	02	2024.10.21
FC	I	4.8	Determination of mercury in feeds	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 feeds	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 feeds- Atomic absorption spectrometry	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	4.11	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 2023-10	ESS-TP-0552	MULTIPLE ELEMENTS-DETERMINATION OF THE ELEMENTS IN FOODS BY INDUCTIVELY COUPLED PLASMA MASS SPECTROMETRY (ICP-MS)	08	2024.05.17
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)	08	2024.05.17
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)	08	2024.05.17
FC	I	4.9	Water quality. Application of inductively coupled plasma mass spectrometry (ICP-MS). Determination of selected elements including uranium isotopes (Modification: here appliedfor feeding stuff, Limitation: without uranium isotopes)	BS EN ISO 17294-2 2023-10	ESS-TP-0552	MULTIPLE ELEMENTS-DETERMINATION OF THE ELEMENTS IN FOODS BY INDUCTIVELY COUPLED PLASMA MASS SPECTROMETRY (ICP-MS)	08	2024.05.17
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)	08	2024.05.17
FC	I	4.10	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	4.10	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 PLASMAOPTICAL EMISSION SPECTROSCOPY (ICPOES)	04	2020.05.22

FC	I	4.10	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	4.11	Animal and vegetable fats and oils - Determination of acid value and acidity	~~ISO 660 2009-06~~ ISO 660:2020 2020-03	ESS-TP-1810	DETERMINATION OF ACID VALUE OF OIL IN FOODS-ISO METHOD	04	2022.03.01
FC	I	4.11	Acidity (Titratable) of Fruit Products	AOAC Official Method 942.15 1980	ESS-ED-2053	Acidity (Titratable) of Fruit Products	N/A	1980
FC	I	4.11	Vitamin C (Reduced Ascorbic Acid) in Ready-to-Feed Milk-Based nfant Formula - 2,6-Dichloroindophenol Titrimetric Method First Action 1985	AOAC Official Method 985.33 1988	ESS-ED-4103	Vitamin C (Reduced Ascorbic Acid) in Ready-to-Feed Milk-Based nfant Formula - 2,6-Dichloroindophenol Titrimetric Method First Action 1985	N/A	1988
FC	I	4.11	Peroxide Value, Acetic Acid - Isooctane Method	~~AOCS CD 8b-90:2013 2016-06~~ AOCS CD 8b-90:2017 2017-	ESS-TP-0662	DETERMINATION OF PEROXIDE VALUE IN FATS AND OILS-AOCS METHOD	05	2021.05.31
FC	I	4.11	Foodstuffs. Determination of sulfite. Part 1: Optimized Monier-Williams method	BS EN 1988-1 1998-06	ESS-TP-1701	DETERMINATION OF SULFITE IN FOOD-MONIER WILLIAMS METHOD	05	2021.10.14
FC	I	4.11	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-ED-2052	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	N/A	1995.05
FC	I	4.11	National food safety standard - Determination of protein in foods	GB 5009.5-2016 2017-06	ESS-TP-1557	DETERMINATION OF PROTEIN IN FOOD AND FEED-KJELDAHL METHOD	07	2024.12.09
FC	I	4.11	Protein (Crude) Determination in Animal Feed: Copper Catalyst Kjeldahl Method(Modification: here also for food)	AOAC Official Method 984.13 1994	ESS-ED-2039	Protein (Crude) Determination in Animal Feed: Copper Catalyst Kjeldahl Method(Modification: here also for food)	N/A	1994
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 5422211810	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	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)	08	2024.10.16
MB	I	5	Salmonella PCR ASSAY in food and feed-using BAX® automate system	Hygiena BAX System PCR ASSAY for salmonella KIT 2011	ESS-TP-1986	Detection of Salmonella spp(using BAX automated system)	08	2024.10.16

MB	I	5	Test kit for qualitalive real-time PCR detection of Salmonella spp.	Gene Scan Salmonella spp. 5123221801 2023-05	ESS-TP-11538	Test kit for qualitalive real-time PCR detection of Salmonella spp.	01	2023.07.19
Agro		6.1	Determination of dry matter in plant material - using oven method 103 °C	ESS-TP-7530 ~~V2~~ V3 ~~2023-11~~ 2024.03.05	ESS-TP-7530	Determination of dry matter in plant material using Oven method (103 °C)	03	2024.03.05
Agro		6.2	Determination of nitrogen in Crops by DUMAS method	ESS-TP-7512 V2 2023-11	ESS-TP-7512	Determination of Nitrogen in crops by DUMAS method,	02	2023.11.02
Agro		6.3	Determination of chloride in plant material by continuous flow analysis (CFA)	ESS-TP-7529 V2 2023-~~11~~10	ESS-TP-7529	Determination of chloride in plant material by continuous flow analysis (CFA)	02	2023.10.25
Agro		6.4	Determination of Molybdenum in plant material by ICP-MS	ESS-TP-11908 V1 2023-11	ESS-TP-11908	Determination of Molybdenum in plant material by ICP-MS	01	2023.11.08
Agro		6.5	Determination of boron, copper, iron, manganese, zinc, calcium, phosphorus, potassium, magnesium, sodium, sulphur in plant material by ICP-OES	ESS-TP-7516 V2 2023-11	ESS-TP-7516	Determination of boron, copper, iron, manganese, zinc, calcium, phosphorus, potassium, magnesium, sodium, sulphur in plant material by ICP-OES	02	2023.11.09
Res	I	7.1	Determination of 55 banned pesticides residues in cosmetics containing plant extracts	GB/T 39665-2020 2021-07	ESS-ED-3130	Determination of 55 banned pesticides residues in cosmetics containing plant extracts	2020	2020.12.14
Res	I	7.1	Determination of 63 hormone components in cosmetics	Safety and Technical Standards for Cosmetics Chapter 2.34 2015	ESS-ED-3135	Determination of 63 hormone components in cosmetics	2015	2015.11
Res	I	7.1	Determination of 41 glucocorticoids in cosmetics by LC-MS-MS and TLC method	GB/T 24800.2-2009 2010-05	ESS-ED-3136	Determination of 41 glucocorticoids in cosmetics by LC-MS-MS and TLC method	2009	2009.11.30
Res	I	7.2	Determination of 55 banned pesticides residues in cosmetics containing plant extracts	GB/T 39665-2020 2021-07	ESS-ED-3130	Determination of 55 banned pesticides residues in cosmetics containing plant extracts	2020	2020.12.14
Res	I	7.2	Determination of Dioxane in cosmetics by GC-MS (Limitation: here only 2nd Method)	Safety and Technical Standards for Cosmetics Chapter 2.19 2015	ESS-ED-3135	Determination of Dioxane in cosmetics by GC-MS	2015	2015.11
Res	I	7.2	Determination of Ethanol and other 36 kinds of componets in cosmetics by GC-MS	Safety and Technical Standards for Cosmetics Chapter 2.33 2015	ESS-ED-3135	Determination of Ethanol and other 36 kinds of componets in cosmetics by GC-MS	2015	2015.11
Res	I	7.3	Determination of Methanol in cosmetics by GC-FID	Safety and Technical Standards for Cosmetics Chapter 2.22 2015	ESS-ED-3135	Determination of Methanol in cosmetics by GC-FID	2015	2015.11

FC	I	7.3	Determination of Diethylene glycol in cosmetics by GC-FID	Safety and Technical Standards for Cosmetics Chapter 2.20 2015	ESS-ED-0087	Safety and Technical Standards for Cosmetics Chapter 2.20	01	2023.03.21
MB	I	7.4	Evaluation of the antimicrobial protection of a cosmetic product	ISO 11930 2019-01	ESS-TP-11765	Evaluation of the antimicrobial protection of a cosmetic product	02	2024.07.05
MB	I	7.4	Efficacy of Antimicrobial Preservation (Limitation:here only for cosmetics)	BP Appendix XVI C 2020-1	ESS-TP-11771	Efficacy of antimicrobial preservation	01	2023.08.18
MB	I	7.4	Efficacy of Antimicrobial Preservation (Limitation:here only for cosmetics	EP 10.7 5.1.3 2022-04	ESS-TP-11770	Efficacy of antimicrobial preservation	01	2023.08.18
MB	I	7.4	Antimicrobial Effectiveness Testing (Limitation:here only for cosmetics)	~~USP 43-NF38 51 2020-5~~ USP 44 <51> 2021-08	ESS-TP-11766	Antimicrobial Effectiveness Testing	01	2023.08.18
MB	I	7.5	(61)Microbiological examination of nonsterile products: microbial enumeration tests- total aerobic microbial count (limitation:here only for cosmetics)	USP43 2020	ESS-TP-10817	Aerobic Plate Count	01	2023.06.17
MB	I	7.5	(62) Microbiological examination of nonsterile products: tests for specified microorganisms-escherichia coli (limitation:here only for cosmetics)	USP43 2020	ESS-TP-11525	Escherichia coli	02	2023.09.28
FC		7.6	Determination of multi-elements in cosmetics (Limitation:only for As, Cd, Cr, Hg, Pb	Safety and Technical Standards for Cosmetics Chapter 1.6 2015	ESS-ED-0087	Safety and Technical Standards for Cosmetics 2015 edition 1.6 Li and 36 kinds of elements	N/A	2015.11
FC	I	7.7	Determination of minocycline hydrochloride and other 6 kinds of components in cosmetics	Safety and Technical Standards for Cosmetics Chapter 2.2 2015	ESS-ED-0087	Safety and Technical Standards for Cosmetics Chapter 2.2	01	2023.05.19
FC	I	7.7	Determination of methyl isothiazolinone and other 22 kinds of components in cosmetics	Safety and Technical Standards for Cosmetics Chapter 4.1 2015	ESS-ED-2638	Safety and Technical Standards for Cosmetics Chapter 4.1	01	2023.04.15
FC		7.8	Determination of pH in cosmetics	Safety and Technical Standards for Cosmetics Chapter 1.1 2015	ESS-ED-0087	Safety and Technical Standards for Cosmetics Chapter 1.1	01	2022.11.11

Last modified by: Helen Zhang

Last modified date:2025.03.23

Last approved by:Peter He

Last Approved date:2025.03.23

eurofins 欧陆分析技术服务（苏州）有限公司 Eurofins Technology Services (Suzhou) Co., Ltd	Methods Log for DAkkS Accredited Tests					文件编号 Document No.	ESS-QP-7.02 F09 e
						发布日期 Date of issue	2020.03.25
						版本 Version	01

BU	Flexibility	Chapter	Annex DAkkS Method	Year date of Method	Lab Internal TP No.	TP Title	Version No.	Issue Date
Agro	Ⅱ	1	Determination of pH in water for agriculture	ESS-TP-7652 V2 2023-11	ESS-TP-7652	Determination of pH in water for agriculture	02	2023.11.02
Agro	Ⅱ	1	Determination of electrical conductivity (EC) in water for agriculture	ESS-TP-7501 V2 2023-11	ESS-TP-7501	Determination of electrical conductivity (EC) in water for agriculture	02	2023.11.02
Agro		2	Determination of chloride, bicarbonate, nitrate, ammonia in water by continuous flow analysis (CFA)	ESS-TP-7528 V2 2023-11	ESS-TP-7528	Determination of chloride, bicarbonate, nitrate, ammonia in water by continuous flow analysis (CFA)	02	2023.11.08
Agro		3	Determination of boron, copper, iron, manganese, zinc, calcium, phosphorus, potassium, magnesium, sodium, sulphur, molybdenum, silicium in water for agriculture using Inductively Coupled Plasma-Optical Emission Spectrometry (ICP-OES)	ESS-TP-7521 V2 2023-11	ESS-TP-7521	Determination of boron, copper, iron, manganese, zinc, calcium, phosphorus, potassium, magnesium, sodium, sulphur, molybdenum, silicium and Total-Fe in water for agriculture using Inductively Coupled Plasma-Optical Emission Spectrometry (ICP-OES)	02	2023.11.08

Last modified by: Helen Zhang

Last modified date:2025.03.21

Last approved by:Peter He

Last Approved date:2025.03.21

1 Determination of pH in water for agriculture by electro-chemical test methods **

2 Determination of anions and cations in water by spectrophotometric detection

3 Determination of elements in water for agriculture by Inductively Coupled Plasma-Optical Emission Spectrometry (ICP-OES)

eurofins 欧陆分析技术服务（苏州）有限公司 Eurofins Technology Services (Suzhou) Co., Ltd	Methods Log for DAkkS Accredited Tests	文件编号 Document No.	ESS-QP-7.02 F09 e
		发布日期 Date of issue	2020.03.25
		版本 Version	01

BU	Flexibility	Chapter	Annex DAkkS Method	Year date of Method	Lab Internal TP No.	TP Title	Version No.	Issue Date
Agro		1.1	Standard Operation Procedure for NIRS Screening of Physical, Chemical and Biological Parameters in field soil Samples (N-total soil stock, C/N – ratio, N-supplying capacity, S-total soil stock, C/S-ratio, S-supplying capacity, S-Plant available, P-total soil stock, P-soil stock, P-Plant available, K-soil stock, K-plant available, Ca-soil stock, Caplant available, Mg-soil stock, Mg-plant available, Na-soil stock, pH, Soil organic carbon (SOC), Soil organic matter(SOM), C/OS-ratio, Clay/carbon ratio, Carbonate lime, Soil texture (Clay/silt/sand), Clay-humus (CEC), CEC-saturation, Ca-Saturation, Mg-Saturation, K-Saturation, Na-Saturation, H-Saturation, Al-Saturation, Electric Conductivity (EC), Fine Sand (M50), Soil crumbling, Soil slaking, Moisture retention cap., Soil life=microbial activity, Microbial biomass, Fungal/bacterial ratio)	ESS-TP-6269 ~~V3 2023-11~~V4 2024-03	ESS-TP-6269	Standard Operation Procedure for NIRS Screening of Physical, Chemical and Biological Parameters in Field Soil Samples	04	2024.03.05
Agro		1.2	Soil quality - Determination of trace elements using inductively coupled plasma mass spectrometry (ICP-MS)	ISO/TS 16965 2013-09	ESS-ED-9093	Soil quality-Determination of trace elements using inductively coupled plasma mass spectrometry(ICP-MS)	N/A	2013.09.15
Agro	Ⅱ	1.3	Method for Determination of Soil pH	NY/T 1121.2-2006 2006-10	ESS-ED-9032	Soil Testing Part 2:Method for determination of soil Ph	N/A	2006.10.01
Agro	Ⅱ	1.3	Determination of pH in potting soil (water extraction 1:1.5)	ESS-TP-8709 V2 2023-11	ESS-TP-8709	Determination of pH in potting soil (water extraction 1：1.5)	02	2023.11.30
Agro	Ⅱ	1.4	Soil Quality - Determination of Nitrate Nitrogen, Ammonium Nitrogen and Total Soluble Nitrogen in Air-dry Soils using Calcium Chloride Solution as Extractant	ISO 14255:1998(E) 1998-05	ESS-ED-9040	Soil quality-Determinat on of nitrate nitrogen ammonium nitrogen and total soluble nitrogen in air-dry soils using calcium chloride solution as extractant	N/A	1998.05.01
Agro	Ⅱ	1.4	Determination of chloride, bicarbonate, nitrate, ammonia in potting soil by continuous flow analysis (CFA) (water extraction 1:1.5)	ESS-TP-11915 V2 2023-11	ESS-TP-11915	Determination of chloride, bicarbonate, nitrate, ammonia in potting soil by continuous flow analysis (CFA) （water extraction 1:1.5)	02	2023.11.30
Agro		1.5	Soil quality - Determination of total nitrogen content by dry combustion (“elemental analysis”)	ISO 13878 1998-03	ESS-ED-9077	Soil quality - Determination of total nitrogen content by dry combustion （“elemental analysis”)	N/A	1998.03.15
Agro		1.6	Determination of boron, copper, iron, manganese, zinc, calcium, phosphorus, potassium, magnesium, sodium, sulphur, molybdenum,silicium in potting soil using Inductively Coupled Plasma-Optical Emission Spectrometry (ICP-OES) (water extraction 1:1.5)	ESS-TP-11916 V1 2023-11	ESS-TP-11916	Determination of boron, copper, iron, manganese, zinc, calcium, phosphorus, potassium, magnesium, sodium, sulphur, molybdenum, silicium in potting soil using Inductively Coupled Plasma-Optical Emission Spectrometry (ICP-OES) （water extraction 1:1.5)	01	2023.11.30
Agro		1.7	Soil Testing Part 6: Method for determination of soil organic matter	NY/T 1121.6-2006 2006-07	ESS-ED-9064	Soil Testing Part 6:Method for determanation of soil organic matter	N/A	2006.10.01

Last modified by: Helen Zhang

Last modified date:2025.03.23

Last approved by:Peter He

Last Approved date:2025.03.23

1.1 Determination of Physical, Chemical and Biological Parameters in field soil by Near Infrared Spectrometry (NIRS)

1.2 Determination of trace elements in soil Inductively Coupled Plasma - Mass Spectrometry (ICPMS)

1.3 Determination of pH in soil by Electro-chemical test methods **

1.4 Determination of anions and cations in soil by spectrophotometric detection **

1.5 Determination of total nitrogen content in soil by Elementary analysis

1.6 Determination of multi-element in soil by Inductively Coupled Plasma Optical Emission Spectroscopy (ICP-OES)

1.7 Determination of organic matter in soil using Titration method

eurofins 欧陆分析技术服务（苏州）有限公司 Eurofins Technology Services (Suzhou) Co., Ltd	Methods Log for DAkkS Accredited Tests	文件编号 Document No.	ESS-QP-7.02 F09 e
		发布日期 Date of issue	2020.03.25
		版本 Version	01

BU	Flexibility	Chapter	Annex DAkkS Method	Year date of Method	Lab Internal TP No.	TP Title	Version No.	Issue Date
Agro		1	Organic Fertilizer - Determination of pH	NY/T 525-2021 Appendix E 2021-06	ESS-ED-9043	Organic Fertilizer	N/A	2021.06.01
Agro		1	Water soluble fertilizers - Determination of water insoluble matter content and pH (only for pH)	NY/T 1973-2021 2021-05	ESS-ED-9047	Water Soluble Fertilizer- Determination of water insoluble mater cotent and pH	N/A	2021.11.01
Agro		2	Water-soluble fertilizers - Determination of total nitrogen, phosphorus and potassium content - DUMAS method	NY/T 1977-2010 3.2 2010-12	ESS-ED-9045	Water-soluble fertilizers- Determination of total nitrogen, phosphorus and potassium content	N/A	2011.02.01
Agro		3	Liquid fertilizers-Determination of density	NY/T 887-2010 2010-12	ESS-ED-9046	Liquid fertilizers-Determination of density	N/A	2011.02.01
Agro		3	Determination of free water for compound fertilizers-Vacuum oven method	GB/T 8576-2010 2010-09	ESS-ED-9079	Determination of free water for compound fertilizers-Vacuum oven method	N/A	2011.03.01
Agro		4	Organic Fertilizer - Determination of Organic Matter Content	NY/T 525-2021 Appendix C 2021-06	ESS-ED-9043	Organic Fertilizer	N/A	2021.06.01

Last modified by: Helen Zhang

Last modified date:2025.03.23

Last approved by:Peter He

Last Approved date:2025.03.23

1 Determination of pH in fertilizer by Electro-chemical methods
2 Determination of total nitrogen in fertilizer by Elementary analysis
3. Determination of density and free water in fertilizer Gravimetric method
4 Determination of Organic Matter Content in fertilizer by Titration method