CERTIFICATE OF ACCREDITATION

This is to attest that

CASTCO TESTING CENTRE LIMITED

33, ON KUI STREET
FANLING, HONG KONG, CHINA

Testing Laboratory TL-559

has met the requirements of AC89, *IAS Accreditation Criteria for Testing Laboratories*, and has demonstrated compliance with ISO/IEC Standard 17025:2017, *General requirements for the competence of testing and calibration laboratories.* This organization is accredited to provide the services specified in the scope of accreditation.

Effective Date December 6, 2024

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Accredited to ISO/IEC 17025:2017 *Effective Date December 6, 2024*

Environmental	
BS EN 13725: 2003	Determination of odour concentration by dynamic olfactometry
EN-ASNZS4020-METAL-MS-H	Testing of Products for Use in Contact with Drinking Water Extraction of Metals (ASNZS4020:2005-Appendix H)
EN-ASNZS4020-METAL-MS-I	Testing of Products for Use in contact with Drinking Water Extraction of Metals (For End-Of-Line Fittings) (ASNZS4020:2005-Appendix I)
EN-BS6920-Appearance	Suitability of Non-Metallic Products in contact with water intended for Human Consumption: Appearance of Test Water Section 2.3: Appearance of Test Water (BS 6920-2.3:2000+A1:2014)
EN-BS6920-DO	Suitability of Non-Metallic Products in contact with water intended for Human Consumption: Growth of Aquatic Microorganisms Test Section 2.4: Growth of aquatic microorganism test (BS 6920-2.4:2000+A1:2014)
EN-BS6920-METAL-MS	Suitability of Non-Metallic Products for Use-in contact with water intended for Human Consumption with regard to their effect on the quality of the water Section 2.6: The extraction of metals (BS 6920-2.6:2000+A2:2014)
EN-BS6920-ODOUR & FLAVOUR (GENERAL METHOD)	Suitability of Non-Metallic Products in contact with water intended for Human Consumption with Regard to their effect on the quality of the water: Odour and Flavour Test Section 2.2.1: General Method, Odour and flavour test (BS 6920-2.2.1:2000+A3:2014)
EN-BS6920-ODOUR & FLAVOUR (HFD)	Suitability of Non-Metallic Products in contact with water intended for Human Consumption: Odour and Flavour Test, Hoses for Food and Drink Preparation Section 2.2.3: Odour and flavor test, hoses for food and drink preparation (BS 6920-2.2.3:2000+A2:2014)
EN-BS6920-ODOUR & FLAVOUR (MHP)	Suitability of Non-Metallic Products in contact with Water intended for Human Consumption: Odour and Flavour Test, Multi-Layered Hoses and Pipes Section 2.2.2: Odour and flavor test, Multi-layered hoses and pipes (BS 6920-2.2.2:2000+A1:2014)
EN-BS6920-SAMPLE	Suitability of Non-Metallic Products in contact with water intended for Human Consumption: Samples for Testing Section 2.1: Samples for testing (BS 6920-2.1:2014)

EN-DSD-As-NaHSO3	Determination of Arsenic Content in Sodium Bisulfite Solution (HG/T 3814-2006 Clause 4.7)
EN-DSD-METAL-NaHSO3	Determination of Total Heavy Metals (As Lead) in Sodium Bisulfite Solution (HG/T 3814-2006 Clause 4.8)
EN-DSD-IM-NaHSO3	Determination of Total Insoluble Matters in Sodium Bisulfite Solution (HG/T 3814-2006 Clause 4.4)
EN-DSD-IM-NaOH	Determination of Total Insoluble Matters in Sodium Hydroxide Solution (In-house Method reference to HG/T 3814-2006 & GB 4482-2006)
EN-DSD-Cu-FeCl3	Determination of Copper Content in Ferric Chloride Solution by Atomic Absorption Spectrometry (In-house method by AAS)
EN-DSD-METAL-FeCl3	Determination of Copper, Nickel and Zinc Content in Ferric Chloride Solution by Inductively Coupled Plasma Optical Emission Spectrometer (In-house method by ICP-OES)
EN-DSD-Ni-FeCl3	Determination of Nickel Content in Ferric Chloride Solution by Atomic Absorption Spectrometry (In-house method by AAS)
EN-DSD-TCr-FeCl3	Determination of Total Chromium Content in Ferric Chloride Solution by Atomic Absorption Spectrometry (In-house method by AAS)
EN-DSD-Zn-FeCl3	Determination of Zinc Content in Ferric Chloride Solution by Atomic Absorption Spectrometry (In-house method by AAS)
EN-H2S-UVVIS-IAS	Determination of hydrogen sulfide content of the atmosphere by UV-visible spectrometer (ISC 3rd edition, Method 701)
EN-IAQ-CO	Testing of Carbon Monoxide (GB/T 18204.23-2000 Method 1)
EN-IAQ-CO2	Testing of Carbon Dioxide (GB/T 18204.24-2000 Method 1)
EN-IAQ-HCHO	Determination of Formaldehyde (HCHO) Content in Indoor Air (In-house method EN-IAQ-HCHO (HPLC/DAD))
EN-IAQ-PM	Testing of Respirable Suspended Particle, PM2.5 (HJ618-2011)
EN-IAQ-PM	Testing of Respirable Suspended Particle, PM10 (HJ618-2011)
EN-IAQ-PM(HVS)	Testing of Total Suspended Particle and Respirable Suspended Particle (In-house Method)
EN-POLY-MOIS-IAS	Determination of Moisture Content in Polymer Samples (In-house method)
EN-POLY-ORG-IAS	Determination of Organic Content in Polymer Samples (In-house method)
EN-POLY-VIS-IAS	Measurement of Brookfield Viscosity in Polymer Solution (In-house method)
EN-POLY-VISSALT-IAS	Measurement of Brookfield Viscosity in Salted Polymer Solution (In-house method)

EN-SAL-BOD-IAS	Determination of 5-Day Biochemical Oxygen Demand in Saline Water (In-house method)
EN-SAL-TSS-IAS	Determination of Total Suspended Solids dried at 103 to 105°C in a Saline Water Sample (APHA 23e 2540 D)
EN-SED-METAL-MS-IAS	Determination of Metals in sediment / Sludge by Inductively Coupled Plasma – Mass Spectrometer (Aluminium, Arsenic, Cadmium, Chromium, Copper, Iron, Lead, Magnesium, Mercury, Nickel, Zinc) (In-house method by ICP-MS)
EN-SED-NDS-IAS	Determination of Non-Dissolved Solids in Sediment / Sludge (In-house method)
EN-SED-PAH-IAS	Determination of Polycyclic Aromatic Hydrocarbons (PAHs) in Sediment by Gas Chromatography – Mass Spectrometer (GC-MS) (In-house method by GC-MS)
EN-SED-TBT-IAS	Determination of Tri-n-butyltin (TBT) in Soil and Sediment by Gas Chromatography – Mass Spectrometer (GC-MS) (In-house method by GC-MS)
EN-SED-TS-IAS	Determination of Total Solids in sludge and sediment (APHA 23e 2540 B)
EN-SOLID-TS-IAS	Determination of Total, Fixed and Volatile Solids in Solid and Semisolid Samples (APHA 23e 2540 G)
EN-TKN-FIA	Determination of Total Kjeldahl Nitrogen in Water/Wastewater by Flow Injection Analyzer (FIA) (In-house method by FIA)
EN-VOC-GCMS-IAS	Determination of Volatile Organic Compounds in Soil, Water and Wastewater by Gas Chromatography – Mass Spectrometry (Bromoform, Bromodichloromethane, Dibromochloromethane, Carbon tetrachloride, 1,1-dichloroethane, 1,2-dichloroethane, 1,1-dichloroethylene, 1,2-dichloropropane, Tetrachloroethylene, 1,1,1-trichloroethane, 1,1,2-trichloroethane, Trichloroethylene, Chlorobenzene, 1,4-dichlorobenzene, 1,2,4-Trichlorobenzene, Acetone, Benzene,2-Butanone, Chloroform, Ethylbenzene, Methyl Tert-Butyl Ether, Methylene chloride, Styrene, Toluene, Xylene (Total)) (In-house method by GC-MS)
EN-WAT-BOD-IAS	Determination of 5-day Biochemical Oxygen Demand in Water/Wastewater (APHA 5210B)
EN-WAT-BSENBOD	Determination of Biochemical oxygen demand in water and wastewater after five days (BS EN 1899-1:1998, BS 6068-2.63:1998)
EN-WAT-CODCL-IAS	Determination of Chemical Oxygen Demand in Water/Wastewater (ASTM D1252B: 2000)
EN-WAT-COLOR-IAS	Determination of Color in Water/Wastewater (APHA 2120B Visual Comparison Method)
EN-WAT-DO-IAS	Determination of Dissolved Oxygen in Water and Wastewater (APHA 21e 4500-O C & G)

EN-WAT-HAA-IAS	Determination of Haloacetic Acids (HAAs) in Water and Wastewater by Gas Chromatography – Electron Capture Detector (GC-ECD) and Gas Chromatography – Mass Spectrometry (GC-MS), (Bromoacetic acid, Chloroacetic acid, Dibromoacetic acid, Dichloroacetic acid, Trichloroacetic acid) (In-house method by GC-ECD & GC-MS)
EN-WAT-METAL-MS-IAS	Determination of Metal in Water and Wastewater by Inductively Coupled Plasma – Mass Spectrometer (Calcium, Iron, Magnesium, Potassium, Sodium) (In-house method by ICP-MS)
EN-WAT-METAL-OES-IAS	Determination of Metal in Water and Wastewater by Inductively Coupled Plasma Optical Emission Spectrometer (In-house method by ICP-OES)
EN-WAT-NOx-IAS	Determination of Total Oxidized Nitrogen in Water and Wastewater by Summation Method (In-house method)
EN-WAT-OCC-IAS	Determination of Haloether, Chlorinated Hydrocarbons and Organochlorine Pesticides in Water and Wastewater by Gas Chromatography - Mass Spectrometry (Bis(2-chloroethoxy)-methane, Hexachlorobenzene, Hexachlorocyclopentadiene, Hexachloroethane, Alpha-BHC, Beta-BHC, Gamma-BHC) (In-house method by GC-MS)
EN-WAT-OG-IAS	Determination of Oil and Grease Content in Water/Wastewater (APHA 5520B Liquid-Liquid, Partition-gravimetric Method)
EN-WAT-OM-IAS	Determination of oxidizable matter in water for analytical laboratory use (GB/T 6682-2008)
EN-WAT-ON-IAS	Determination of Organic Nitrogen in Water and Wastewater by Subtraction Method (In-house method)
EN-WAT-ORP-IAS	Determination of Oxidation Reduction Potential in Water and Wastewater (In-house method)
EN-WAT-PHENOL	Determination of Phenol and Bis(2-ethylhexyl)phthalate (DEHP) in Water and Wastewater by Gas Chromatography – Mass Spectrometer (GC-MSD) (In-house method by GC-MS)
EN-WAT-Phenol-IAS	Determination of Phenols in Water and Wastewater by High Performance Liquid Chromatorgrapy – Diode Array Detector (2-chlorophenol, 2,4-dichlorophenol, p-chloro-m-cresol, Pentachlorophenol,2,4,6-trichlorophenol (In-house method by HPLC-DAD)
EN-WAT-RC-IAS	Determination of Chlorine (Total and Free Residual) in Water and Wastewater (APHA 21e 4500-Cl G)
EN-WAT-RESIDUE-IAS	Determination of residue in water for analytical laboratory use (GB/T 6682-2008)
EN-WAT-TBT-IAS	Determination of Tri-n-butyltin (TBT) in Water, Wastewater, Interstitial water and Saline Water by Gas Chromatography – Mass Spectrometry (GC-MS) (In-house method by GC-MS)

EN-WAT-TSF-IAS	Determination of Total Surfactant in Water and Wastewater by Summation Method (In-house method)
EN-WAT-TSS-IAS	Determination of Total Suspended Solids Dried at 103–105°C in Water/Wastewater (APHA 2540D)
EN-WAT-UVAM-IAS	Determination of UV Absorption / Transmittance in a Water / Wastewater sample (APHA 23e 5910 B)
EN-WAT-VSS-IAS	Determination of Volatile Suspended Solids in a Water / Wastewater / Saline Water Sample (APHA 23e 2540 D & E)
EN-DSD-Fe(II)-FeCl3	Determination of Ferrous Iron Content in Ferric Chloride Solution (GB 4482-2006: Clause 5.2)
EN-DSD-IM-FeCl3	Determination of Total Insoluble Matters in Ferric Chloride Solution (GB 4482-2006: Clause 5.3)
EN-DSD-FA-FeCl3	Determination of Free Acid Content in Ferric Chloride Solution (GB 4482-2006: Clause 5.4)
EN-DSD-As-FeCl3	Determination of Arsenic Content in Ferric Chloride Solution (GB 4482-2006: Clause 5.5.2)
EN-DSD-Pb-FeCl3	Determination of Lead Content in Ferric Chloride Solution by Atomic Absorption Spectrometry (GB 4482-2006: Clause 5.6)
EN-DSD-Hg-FeCl3	Determination of Mercury Content in Ferric Chloride Solution by Atomic Absorption Spectrometry (GB 4482-2006: Clause 5.7.2)
EN-DSD-Cd-FeCl3	Determination of Cadmium Content in Ferric Chloride Solution by Atomic Absorption Spectrometry (GB 4482-2006: Clause 5.8)
EN-DSD-Cr-FeCl3	Determination of Chromium (Hexavalent) Content in Ferric Chloride Solution by Atomic Absorption Spectrometry (GB 4482-2006: Clause 5.9)
EN-FeCl3-FeCl3	Determination of Ferric Chloride Content in Ferric Chloride Solution (GB 4482-2018: Clause 6.2)
EN-FeCl3-Fe(II)	Determination of Ferrous Iron Content in Ferric Chloride Solution (GB 4482-2018: Clause 6.3)
EN-FeCl3-IM	Determination of Total Insoluble Matters in Ferric Chloride Solution (GB 4482-2018: Clause 6.4)
EN-FeCl3-FA	Determination of Free Acid Content in Ferric Chloride Solution (GB 4482-2018: Clause 6.5)
EN-FeCl3-Zn	Determination of Zinc Content in Ferric Chloride Solution by Atomic Absorption Spectrometry (GB 4482-2018: Clause 6.7)
EN-FeCl3-As	Determination of Arsenic Content in Ferric Chloride Solution (GB 4482-2018: Clause 6.8)

EN-FeCl3-Pb	Determination of Lead Content in Ferric Chloride Solution by Atomic Absorption Spectrometry (GB 4482-2018: Clause 6.9)
EN-FeCl3-Hg	Determination of Mercury Content in Ferric Chloride Solution by Atomic Absorption Spectrometry (GB 4482-2018: Clause 6.10)
EN-FeCl3-Cd	Determination of Cadmium Content in Ferric Chloride Solution by Atomic Absorption Spectrometry (GB 4482-2018: Clause 6.11)
EN-FeCl3-Cr	Determination of Total Chromium Content in Ferric Chloride Solution by Atomic Absorption Spectrometry (GB 4482-2018: Clause 6.12)
EN-DSD-ALKALI-NaClO	Determination of Free Caustic Alkali (as NaOH) Content in Sodium Hypochlorite Solution (GB 19106-2003: Section 5.2)
EN-DSD-Fe-NaClO	Determination of Iron Content in Sodium Hypochlorite Solution (GB 19106-2003: Section 5.3)
EN-DSD-METAL-NaClO	Determination of Total Heavy Metals Content in Sodium Hypochlorite solution (GB 19106-2003: Section 5.4)
EN-DSD-As-NaClO	Determination of Arsenic Content in Sodium Hypochlorite Solution (GB 19106-2003: Section 5.5)
EN-NaOCl-Cl	Determination of Available Chlorine in Sodium Hypochlorite solution (GB 19106-2013: Section 5.3)
EN-NaOCl-Alk	Determination of Free Caustic Alkali (as NaOH) Content in Sodium Hypochlorite Solution (GB 19106-2013: Section 5.4)
EN-NaOCl-Fe	Determination of Iron Content in Sodium Hypochlorite Solution (GB 19106-2013: Section 5.5)
EN-NaClO-Metal	Determination of Total Heavy Metals Content in Sodium Hypochlorite solution (GB 19106-2013: Section 5.6)
EN-NaOCl-As	Determination of Arsenic Content in Sodium Hypochlorite Solution (GB 19106-2013: Section 5.7)
EN-NaClO2-NaClO2	Determination of Sodium Chlorite content in Sodium Chlorite Solution (HG/T 3250-2010 Clause 5.4)
EN-NaClO2-NaClO3	Determination of Sodium Chlorate content in Sodium Chlorite Solution (HG/T 3250-2010 Clause 5.5)
EN-NaClO2-NaOH	Determination of Sodium Hydroxide content in Sodium Chlorite Solution (HG/T 3250-2010 Clause 5.6)
EN-NaClO2-Na2CO3	Determination of Sodium Carbonate content in Sodium Chlorite Solution (HG/T 3250-2010 Clause 5.7)
EN-NaClO2-NaCl	Determination of Sodium Chloride content in Sodium Chlorite Solution (HG/T 3250-2010 Clause 5.8)

EN-NaClO2-Na2SO4	Determination of Sodium Sulphate content in Sodium Chlorite Solution (HG/T 3250-2010 Clause 5.9)
EN-NaClO2-NO3	Determination of Sodium Nitrate content in Sodium Chlorite Solution (HG/T 3250-2010 Clause 5.10)
EN-NaClO2-As	Determination of Arsenic content in Sodium Chlorite Solution (HG/T 3250-2010 Clause 5.11)
EN-DSD-Ca(NO3)2	Determination of Calcium Nitrate Content in Calcium Nitrate Solution (HGT 3787-2005: Clause 4.3)
EN-DSD-IM-Ca(NO3)2	Determination of Total Insoluble Matters in Calcium Nitrate Solution (HGT 3787-2005: Clause 4.4)
EN-DSD-pH-Ca(NO3)2	Determination of pH Value in Calcium Nitrate Solution (HGT 3787-2005: Clause 4.5)
EN-DSD-Cl-Ca(NO3)2	Determination of Chloride Content in Calcium Nitrate Solution (HGT 3787-2005: Clause 4.6)
EN-DSD-Fe-Ca(NO3)2	Determination of Iron Content in Calcium Nitrate Solution (HGT 3787-2005: Clause 4.7)
IAQ-SOP18-OC	Determination of odour concentration by dynamic olfactometry
INS-IAQ-SOP16-CO	Sampling of Carbon Monoxide (GB/T 18204.23-2000)
INS-IAQ-SOP17-CO2	Sampling of Carbon Dioxide (GB/T 18204.24-2000)
SOL-CATION&CEC-1	Soil quality – Determination of effective cation exchange capacity (CEC) and exchangeable cations (calcium, magnesium, sodium, and potassium) using a hexamminecobalt trichloride solution by ICP-OES (BS EN ISO 23470:2018)
SOL-CON-1	Soil quality – Determination of the specific electrical conductivity in an aqueous extract (BS 7755-3.4:1995, ISO 11265:1994)
SOL-P-1	Soil quality – Spectrometric determination of phosphorus soluble in sodium hydrogen carbonate solution [(BS 7755-3.6: 1995, ISO 11263: 1994), Excluding section 4.3, 5.2.1, 5.2.2, 6.3.2 and 6.4.2]
SOL-TN-1	Soil quality – Determination of total nitrogen in soil by Modified Kjeldahl method (BS 7755-3.7:1995, ISO 11261:1995)
EN-CHEM-ANION-IC	Determination of Oxyhatide Anions in Sodium Hypochlorite Solutions, Sodium Hydroxide Solutions and Brines by Ion Chromatography – Supressed Conductivity (In-house method)
EN-AC-HSBC	Determination of the Accelerated Hydrogen Sulfide Breakthrough Capacity of Activated Carbon (ASTM D6646-03)

EN-AC-ASH	Determination of Total Ash Content of Activated Carbon (ASTM D2866-11)
EN-AC-BUTA	Determination of Butane Activity of Activated Carbon (ASTM D5742-16)
Microbiology	
MB-CP-2000	Proprietary Chinese Medicines – Microbiological Examinations (Pharmacopoeia of the People's Republic of China 2000, Volume I, App. XIIIC)
MB-CP-2005	Microbiological Examinations, Aerobic Bacteria, Count, Yeast and Mold Count, Coliform, E. Coli, Salmonella Species, Pseudomonas, Aeruginosa Staphylococcus Aureus, Clostridium
MB-CP-2015	Microbial Limit Test of Non-Sterile Products: Microbial Enumeration Tests and Tests for Specified Microorganisms (Pharmacopoeia of the People's Republic of China (2015, Volume IV) 1105 & 1106)
MB-CP-2020	Microbial Limit Test of Non-sterile Products: Microbial Enumeration Tests and Tests For Specified Microorganisms (Pharmacopoeia of the People's Republic of China 2020 (Volume IV) 1105 & 1106) Total Aerobic Microbial Count Total Yeasts and Mold Count Bile-Tolerant Gram-Negative Bacteria E. Coli Salmonella Pseudomonas Aeruginosa Candida Albicans Staphylococcus Aureus Clostridia
MB-FOOD-BC-BAM	Detection and Enumeration of Bacillus cereus in Foods and Animal Feeds (US FDA Bacteriological Analytical Manual Online (BAM online), Chapter 14, October 2020)
MB-FOOD-C&EC-O157	Identification of Coliform and Escherichia Coli counts in Foods and Animal Feeds by Petrifilm Method with E. Coli O157 (AOAC Official Methods, 991.14.2005, Petrifilm Method) and (US FDA Bacteriological Analytical Manual Online (BAM online), Chapter 4A, July 2017)
MB-FOOD-LIS-ISO	Detection and Enumeration of Listeria Monocytogenes in Foods and Animal Feeds (ISO 11290-1:1996+A1:2004) and (ISO 11290-2:1998+A1:2004)
MB-FOOD-SAL	General Foodstuff and Animal Feed - Microbiological examinations: Salmonella (US FDA Bacteriological Analytical Manual Online (BAM online), Ch. 5, December 2007)
MB-MASK-EN14683-2019AnxD	Medical Face Mask - Requirements and test methods: Microbial Cleanliness (Bioburden) (Total Viable Aerobic, Microbial Count, Total Viable Fungal Count), Total Bioburden

MB-MOL-PCR-ASFV_OIE2012	Qualitative Screening of African Swine Fever Virus: Detection of African Swine Fever Virus by the polymerase chain reaction (OIE Terrestrial Manual (2012), Chapter 2.8.1.)
MB-MOL-RTQPCR-COViD19_WHOSEW	Detection and Enumeration of Human Coronavirus SAR-CoV-2 (COViD-19) Viral Genome by Reverse Transcription Real-Time Polymerase Chain Reaction (RT-qPCR) (In House Method in Reference to: 2019-nCoV PCR/RT-PCR Protocols Summary, WHO, 2020)
MB-PAINT-BS5980-APPB	Determination of Resistance to Mould Growth on Skim Coat, Tile Adhesives and Tile Grout (BS 5980: 1980 Appendix B. HKHA Specification Library (2014) FIN7.M790.7 and FIN5 M1010.7)
MB-PAINT-HKHA-FIN7-APPEND1	Accelerated Tests for Resistance to Fungal and Algal Growth of Paints HKHA MTS (2004/2006) Specification Part D Cl. 7.1 & 7.5 (Hong Kong Housing Authority Specification Library (SL) 2014 Ed., FIN7 APPENDIX FIN7/I: Accelerated Tests for Resistance to Fungal and Algal Growth of Paint)
MB-PAINT-HKHA-FIN7-M370-7	Determination of Algal Resistance on Anti-Mould External Emulsion Paint HKHA MTS (2004/2006) Specification Part D Cl. 7.2 (Hong Kong Housing Authority Specification Library (SL) 2014 Ed., FIN7 M370.7: Determination of Algal Resistance)
MB-TC-BS6920S2.5	Test with Tissue Culture Assay: The extraction of substances that may be of concern to Public Health (British Standard, BS 6920-2.5:2000+A2:2014: Suitability of non-metallic products for use in contact with water intended for human consumption with regard to their effect on the quality of the water, Section 2.5)
MB-TISSUE-GB15979-2002	Microbiological Quality Examination - Hygienic Standard for Disposable Sanitary Products (Microbiological Quality, Total Bacteria Count, Coliform, Staphylococcus Aureus, Hemolytic Streptococci, Pseudomonas Aeruginosa, Total Fungal Count)
MB-TISSUE-GB20810-2006	Microbiological Quality Examination - Bathroom tissue (including tissue base paper), Microbiological Quality, Total Bacteria Count, Coliform, Staphylococcus Aureus, Hemolytic Streptococci
MB-TISSUE-GB24455-2009	Microbiological Quality Examination - Hand Towel (Microbiological Quality, Total Bacteria Count, Coliform, Staphylococcus Aureus, Hemolytic Streptococci)
MB-WAT-EC-EPD	Enumeration of Escherichia coli and faecal coliforms in water by the membrane filtration method and chromogenic medium (Environmental Microbiology Laboratory, Test Method Manual: TM09/EC/1-98, Issue 3, Environmental Protection Department, HKSAR (EM019))
MB-WAT—SRB-APHA9240D	Enumerating, enriching and isolating sulfur bacteria in water

MB-WAT-THC	Microbiological examinations: - Thermotolerant Coliform count in Drinking Water, Water and Wastewater DoE, The Bacteriological Examination of Drinking Water Supplies, 1982 (Membrane Filtration Method: Section 7.8, 7.9.4.2; Bacterial Confirmation Section 7.7.6.3)
Chemical	
CML-196(13)-XRF	Cement, pulverized fuel ash and ground granulated blast furnace slag (Chemical Analysis) – Chemical composition: Silicon dioxide, aluminium oxide, iron(III) oxide, calcium oxide, magnesium oxide, sulfate, potassium oxide, sodium oxide, titanium dioxide, phosphate and manganese oxide (BS EN 196-2: 2013, Clause 5 & BS ISO 29581-2: 2010)
CML-ALKALI-XRF	Cement, pulverized fuel ash and ground granulated blast furnace slag (Chemical Analysis) – Chemical composition: Alkali
DSL-S-03	Sulfur content in petroleum product (ISO 20884: 2011)
MET-AL-01	Determination of Bismuth, Chromium, Copper, Iron, Manganese, Magnesium, Nickel, Lead, Silicon, Titanium, Vanadium, Zinc and Zirconium Content in Aluminium and Aluminium Alloy by Spark Discharge Optical Emission Spectrometry (Spark-OES)
MET-AL-01	Determination of Aluminium Content in Aluminium and Aluminium Alloy by Calculation
MET-CU-01	Electrolytic Determination of Copper in Materials with Copper Content Higher Than 99.80% (BS EN 16117-2:2012)
MET-CU-04	Electrolytic Determination of Copper in Materials with Copper content less Than 99.85% (BS EN 16117-1:2011)
MET-CU-05	Determination of the carbon content on the inner surface of copper tubes or fittings (BS EN 723: 2009)
TL-CD&PB-1	Determination of lead and cadmium given off by glazed tiles (BS EN ISO 10545-15: 1997)
Food	
FD-CHM-AFLAT	Determination of Aflatoxins (B_1, B_2, G_1 and G_2) in Chinese Herbal Medicine (CHM), decoction of CHM (dCHM) and concentrated granule of CHM (gCHM) (Reporting limits: refer. to SOP manual)
FD-CHM-SO_2	Determination of Sulphur dioxide residue in Chinese Herbal Medicine (CHM), decoction of CHM (dCHM) and concentrated granule of CHM (gCHM) (Reporting limits: refer. to SOP manual)
FD-FEED_AFL	Determination of Aflatoxin B1 in animal feeding stuffs by LC-FLD and LC-MS-MS

FD-FEED_Malathion	Determination of Malathion in animal feeding stuffs by LC-MS-MS
FD-FEED_MEL	Determination of Melamine in animal feeding stuffs by LC-MS-MS
FD-FEED_METAL	Determination of Lead and Arsenic in Animal Feeding stuffs by ICP-MS
FD-FOOD-3MCPD	Quantitative analysis of 3-Monochloropropane-1,2-diol in condiments : 3-Monochloropropane-1,2-diol (3-MCPD)
FD-FOOD-AFLA2	Qualitative and Quantitative analysis of Aflatoxin B1, B2, G1, G2 in general foodstuffs: Aflatoxin B1 Aflatoxin B2 Aflatoxin G1 Aflatoxin G2 Total Aflatoxin (Sum of Aflatoxin B1, Aflatoxin B2, Aflatoxin G1, Aflatoxin G2)
FD-FOOD-ASH1	Determination of Ash in food by dry ashing
FD-FOOD-B(A)P	Determination of Benzo(a)pyrene in Fat, oil and milk formula using GC-MSMS
FD-FOOD-BETAA	Determination of Beta-agonist (clenbuterol, salbutamol) in meat and offals using LC-MSMS
FD-FOOD-CA-FE	Determination of calcium and iron in food by ICP-OES
FD-FOOD-CAP2	Qualitative screening of Chloramphenicol in meat and aquatic products by ELISA Screening method. (Reporting limits: refer. to SOP manual)
FD-FOOD-CAP3	Quantitative analysis of chloramphenicol in aquatic product and meat
FD-FOOD-CARBO1	Calculation of carbohydrates in foods (Based on Technical Notes on Nutrition Labelling and Nutrition Claims adopted by the Centre of Food Safety)
FD-FOOD-CHOL	Determination of cholesterol in food
FD-FOOD-CHOL1	Determination of cholesterol in food by LC-MS-MS
FD-FOOD-DON	Determination of Deoxynivalenol in cereal-based food using LC-MSMS
FD-FOOD-ENERGY1	Calculation of Energy in Foods (excluding food containing ethanol and organic acid), Based on Technical Guidance Notes on Nutrition Labelling and Nutrition Claims adopted by the Centre of Food Safety
FD-FOOD-FAT1	Determination of Total fat in in food
FD-FOOD_FATTY_ACID	Determination of Saturated fatty acids in food: (C4:0, C6:0, C8:0, C10:0, C12:0, C14:0, C15:0, C16:0, C17:0, C18:0, C20:0, C22:0, C24:0) Determination of Trans fatty acids in food: [C14:1T(9-trans), C16:1T(9-trans), C18:1T(total), C18:2TT(9,12-trans), C18:2T(9-cis,12-trans), C18:2T(9-trans,12-cis), C20:1T(11-trans), C22:1T(13-trans)]

	Determination of Unsaturated fatty acids in food: [C14:1(9-cis), C15:1(10-cis), C16:1(9-cis), C17:1(10-cis), C18:1(9-cis), C18:2(9,12-cis), C18:3(9-cis,12-cis,15-cis), C20:1(11-cis), C20:2(11-cis,14-cis), C20:3(11-cis,14-cis,17-cis), C20:4(5-cis,8-cis,11-cis,14-cis), C22:2(13-cis,16-cis), C20:5(5-cis,8-cis,11-cis,14-cis,17-cis), C22:5(7-cis,10-cis,13-cis,16-cis,19-cis), C22:6(4-cis,7-cis,10-cis,13-cis,16-cis,19-cis)]
FD-FOOD-Inorg-As	Determination of inorganic arsenic in specific food matrix by HPLC-ICP-MS. (Reporting limits: refer. to SOP manual)
FD-FOOD-MeHg	Determination of Methylmercury in fish and fishery products by HPLC-ICP-MS. (Reporting limits: refer. to SOP manual)
FD-FOOD-MeHg-CAL	Qualitative analysis of methyl mercury content based on result of total mercury
FD-FOOD-MEL2	Qualitative screening of melamine in food by ELISA Screening method. (Reporting limits: refer. to SOP manual)
FD-FOOD-MEL3	Quantitative analysis of Melamine in general foodstuffs
FD-FOOD-METAL1	Determination of Heavy Metals in Food by ICP-MS: Antimony, Arsenic, Cadmium, Chromium, Lead, Mercury, Tin. (Reporting limits: refer. to SOP manual)
FD-FOOD-MG1	Quantitative analysis of malachite green and leucomalachite green in aquatic animal
FD-FOOD-MOI1	Determination of moisture content in food by gravimetric method
FD-FOOD-NF	Determination of Nitrofuran metabolites (AOZ, AMOZ) in aquatic products using LC-MSMS
FD-FOOD-NO_x^-	Determination of Nitrate (as sodium nitrate) and Nitrite (as sodium nitrite) in meat, meat products and dairy products by flow injection method. (Reporting limits: refer. to SOP manual)
FD-FOOD-PATULIN	Determination of Patulin in apple juice and beverage products using LC-MSMS
FD-FOOD-POT	Determination of Potassium in general food stuff by ICP-OES
FD-FOOD-PRO1	Determination of protein in food by Kjeldahl Method
FD-FOOD-PRO2	Determination of Protein content in general foodstuffs by combustion method
FD-FOOD-SOD1	Determination of sodium in food by ICP-OES
FD-FOOD-STILBENE	Determination of Synthetic hormone (stilbenes) in meat using LC-MSMS
FD-FOOD-SUDAN2	Determination of Coloring Matters: Sudan I, Sudan II, Sudan III, Sudan IV, Sudan Orange G, Dimethyl Yellow, Sudan Red 7B in food by LC-MSMS. (Reporting limits: refer. to SOP manual)
FD-FOOD-SUDAN3	Qualitative analysis of Sudan dyes in general foodstuffs:

	Dimethyl Yellow, Sudan orange G, Sudan I, Sudan II, Sudan III, Sudan IV Sudan red 7B
FD-FOOD-SUG1	Determination of total sugar in food: glucose, galactose, fructose, sucrose, maltose, lactose
FD-FOOD-TDF1	Determination of Total Dietary Fiber in food
FD-FOOD-TGI1	Calculation of total fat defined as total fatty acid and expressed as triglycerides in foods
FD-FOOD-VIT.A1	Determination of vitamin A (Retinol and beta-carotene) content in food
FD-FOOD-VIT C	Determination of vitamin C in food
FD-FOOD-VIT D	Determination of Ergocalciferol (vitamin d2) and Cholecalciferol (vitamin d3) content in general food stuff by LC-MS-MS
FD-PEST-CAL2	Analysis of multi-Class Pesticide residues in Fruits and Vegetables by LC-MS-MS and GC-MS-MS; Definition and Expression of Pesticide - By Calculation: Aldrin and Dieldrin (sum of HHDN and HEOD), Deltamethrin (sum of deltamethrin, alpha-R deltamethrin and trans-deltamethrin), Carbendazim(sum of benomyl, carbendazim and thiophanate-methyl, expressed as carbendazim). (Reporting limits: refer. to SOP manual)
FD-PEST-CAL3	Analysis of multi-Class Pesticide Residues in Cereal grains by LC-MS-MS and GC-MS-MS; Definition and Expression of Pesticide - By Calculation: Aldrin and Dieldrin (sum of HHDN and HEOD), Carfentrazone ethyl (sum of carfentrazone ethyl and carfentrazone), Carbendazim(sum of benomyl, carbendazim and thiophanate-methyl, expressed as carbendazim), Chlordane (sum of trans-Chlordane and cis-Chlordane), DDT (sum of 2,4-DDT, 4,4-DDT, 4,4-DDE and 4,4-DDD), Deltamethrin (sum of deltamethrin, alpha-R deltamethrin and trans-deltamethrin), Endrin (sum of endrin and delta-keto-endrin), Fenthion (sum of fenthion, fenthion sulfone, fenthion sulfoxide, fenthion oxon, fenthion-oxon-sulfone and fenthion-oxon-sulfoxide expressed as fenthion), Fluazifop-butyl (sum of fluazifop-butyl and fluazifop acid), Phorate (sum of phorate, phorate sulfoxide, phorate sulfone, phorate oxon, phorate-oxon-sulfone and phorate-oxon-sulfoxide expressed as phorate), Pyrethrins (sum of cinerin I, cinerin II, jasmolin I, jasmolin II, pyrethrin I and pyrethrin II), Quizalofop-ethyl (sum of quizalofop-ethyl and quizalofop expressed as quizalofop-p-ethyl), Simazine (sum of simazine, atrazine-desisopropyl and atrazine-desethyl-desisopropyl), Spinosad (sum of spinosyn A and spinosyn D), Heptachlor (sum of heptachlor, expoxide and heptachlor), Hexachlorocyclohexane (HCH) (sum of alpha-HCH (alpha-BHC), beta-BHC (beta- HCH), delta-HCH (delta-BHC) and gamma-HCH (gamma-BHC (Lindane)), Triadimefon (sum of triadimefon and triadimenol), Triadimenol (sum of triadimenol and triadimefon). (Reporting limits: refer to SOP manual)
FD-PEST-CAL4	Analysis of multi-Class Pesticide Residues in Fruits and Vegetables by LC-MS-MS and GC-MS-MS; Definition and Expression of Pesticide - By Calculation: Aldicarb (sum of Aldicarb, Aldicarb sulfoxide and Aldicarb sulphone, expressed as Aldicarb), Amitraz (sum of amitraz and semiamitraz, expressed as

	semiamitraz), Benfuracarb (sum of benfuracarb, carbofuran and 3-hydroxycarbofuran, expressed as carbofuran), Carbofuran (sum of carbofuran and 3-hydroxycarbofuran, expressed as carbofuran), Carfentrazone ethyl (sum of carfentrazone ethyl and carfentrazone), Chlordane (sum of trans-Chlordane and cis-Chlordane), Clodinafop propargyl (sum of clodinafop propargyl and clodinafop), Dichlobenil (sum of dichlobenil and 2,6-dichlorobenzamide), Dicofol (sum of o,p'- dicofol and p,p'- dicofol), Dimethenamid-P (sum of Dimethenamid-P and its enantiomer), Endosulfan (sum of endosulfan I, endosulfan II and endosulfan sulphate), Endrin (sum of endrin and delta-keto-endrin), Fenthion (sum of fenthion, fenthion sulfone, fenthion sulfoxide, fenthion oxon, fenthion-oxon sulfone and fenthion-oxon sulfoxide expressed as fenthion), Fluazifop-butyl (sum of fluazifop-butyl and fluazifop acid), Esfenvalerate (sum of Fenvalerate isomers), Heptachlor (sum of heptachlor expoxide and heptachlor), Hexachlorocyclohexane (HCH) [sum of alpha-HCH (alpha-BHC), beta-BHC (beta-HCH), delta-HCH (delta-BHC) and gamma-HCH (gamma-BHC (Lindane)], Indoxacarb (sum of Indoxacarb and its R enantiomer), Methomyl (sum of methomyl and thiodicarb, expressed as methomyl), Mevinphos [(sum of (E)-Mevinphos and (Z)-Mevinphos], Naled (sum of naled and dichlorvos. Expressed as naled), Norflurazon (sum of norflurazon and norflurazon-desmethyl), Oxamyl (sum of oxamyl and oxamyl oxime, expressed as oxamyl), Phosphamidon (sum of phosphamidon and N-desethyl-phosphamidon), Quizalofop-ethyl (sum of quizalofop-ethyl and quizalofop, expressed as quizalofop-p-ethyl), Simazine (sum of simazine, atrazine-desisopropyl and atrazine-desethyl-desisopropyl), Spinosad (sum of spinosyn A and spinosyn D), Spiromesifen (sum of spiromesifen and spiromesifen alcohol, expressed as spiromesifen), Spirotetramat (sum of spirotetramat and spirotetramat-enol, expressed as spirotetramat), Tefluthrin (sum of tefluthrin and lambda-cyhalothric acid), Triadimenol (sum of triadimenol and triadimefon), Coumaphos (sum of coumaphos and coumaphos-oxon), DDT (sum of 2,4'-DDT, 4,4'-DDT, 4,4'-DDE and 4,4'-DDD), Fenamiphos (sum of fenamiphos, fenamiphos sulfoxide and fenamiphos sulfone, expressed as fenamiphos), Methiocarb (sum of methiocarb, methiocarb sulphoxide and methiocarb sulphone expressed as methiocarb), Oxydemeton-methyl (sum of oxydemeton-methyl, demeton-S-methyl and demeton-S-methylsulfone, expressed as oxydemeton-methyl), Phorate (sum of phorate, phorate sulfoxide, phorate sulfone, phorate oxon, phorate-oxon-sulfone and phorate-oxon-sulfoxide, expressed as phorate), Pyrethrins (sum of cinerin I, cinerin II, jasmolin I, jasmolin II, pyrethrin I and pyrethrin II), Terbufos (sum of terbufos, terbufos sulfone, terbufos sulfoxide, terbufos-oxon, terbufos oxon-sulfone and terbufos oxon-sulfoxide, expressed as terbufos), Triadimefon (sum of triadimefon and triadimenol). (Reporting limits: refer. to SOP manual)
FD-PEST-CAL5	Analysis of multi-Class Pesticide Residues in Fruits and Vegetables by LC-MS-MS; Definition and Expression of Pesticide - By Calculation: Acequinocyl (Sum of acequinocyl and 2- dodecyl -3-hydroxy-1,4-naphthoquinone, expressed as acequinocyl), Bentazone (Sum of bentazone, 6-hydroxybentazone and 8-hydroxybentazone, expressed as bentazone), Diclofop methyl (Sum of Diclofop methyl, Diclofop acid (2-(4-(2,4-Dichlorophenoxy)phenoxy)propanoic acid) and 2-[4-(2,4-dichloro-5-hydroxyphenoxy)phenoxy]propanoic acid), Fenoxaprop ethyl (Sum of Fenoxaprop ethyl, Fenoxaprop (2-[4-[(6-chloro-2-benzoxazolyl)oxy]phenoxy]propanoic acid) and 6-Chloro-2,3-

	dihydrobenzoxazol-2-one, expressed as Fenoxaprop-ethyl, Flonicamid (Sum of Flonicamid, 4-trifluoromethylnicotinic acid, 4-trifluoromethylnicotinamide and N-(4-trifluoromethylnicotinoyl)-glycine), Flufenacet (Sum of Flufenacet, Flufenacet ESA sodium salt and Flufenacet OA), Imidacloprid (Sum of Imidacloprid, 6-Chloronicotinic acid, Imidacloprid olefin and Imidacloprid urea, expressed as Imidacloprid), Linuron (Sum of Linuron, 1-(3,4-Dichlorophenyl)urea and 1-(3,4-Dichlorophenyl)-3-methylurea, expressed as Linuron), Metaflumizone (Sum of metaflumizone E-isomer and metaflumizone Z-isomer), Prochloraz (Sum of Prochloraz, Prochloraz Metabolite BTS40348 ,Prochloraz Metabolite BTS44595 and Prochloraz Metabolite BTS44596, expressed as Prochloraz), Propazine (Sum of Propazine, Atrazine desethyl (2-amino-4-chloro-6-isopropylamino-s-triazine) and 2,4-diamino-6-chloro-s-triazine, expressed as Propazine), Tembotrione (Sum of Tembotrione and Tembotrione metabolite AE 1417268, expressed as Tembotrione). (Reporting limits: refer. to SOP manual)
FD-PEST-CAL6	Analysis of multi-Class Pesticide Residues in Fruits and Vegetables by LC-MS-MS; Definition and Expression of Pesticide - By Calculation: MCPB (4-(2-methyl-4-chlorophenoxy)butyric acid) (Sum of MCPB and MCPA, free and conjugated). (Reporting limits: refer. to SOP manual)
FD-PEST-CAL7	Analysis of multi-Class Pesticide Residues in Bulb Vegetables by LC-MS-MS Definition and Expression of Pesticide - By Calculation: Aldicarb (Sum of aldicarb, aldicarb sulfoxide and aldicarb sulfone expressed as aldicarb), Amitraz (Sum of amitraz and semiamitraz expressed as semiamitraz), Carbofuran (Sum of carbofuran, and 3-hydroxycarbofuran, express as carbofuran), Dimethenamid-P (Sum of dimethenamid-P and its enantiomer), Fenthion (Sum of fenthion, fenthion sulfoxide, fenthion sulfone, fenthion-oxon, fenthion-oxon-sulfone and fenthion-oxon-sulfoxide expressed as fenthion), Oxamyl (Sum of oxamyl and oxamyl oxime expressed as oxamyl), Methiocarb (Sum of methiocarb, methiocarb sulphoxide and methiocarb sulphone, express as methiocarb), Methomyl (Sum of methomyl and thiodicarb, expressed as methomyl), Pyrethrins (Sum of cinerins I and II, jasmolins I and II, pyrethrins I and II). (Reporting limits: refer. to SOP manual)
FD-PEST-CAL8	Analysis of multi-Class Pesticide Residues in Cereal grains by LC-MS-MS and GC-MS-MS Definition and Expression of Pesticide - By Calculation : Aldicarb (Sum of aldicarb, aldicarb sulphoxide and aldicarb sulphone expressed as aldicarb), Amitraz (Sum of amitraz and semiamitraz expressed as semiamitraz), Benfuracarb ((Sum of benfuracarb, 3-hydroxycarbofuran and carbofuran, expressed as carbofuran), Carbofuran (Sum of carbofuran, and 3-hydroxycarbofuran, express as carbofuran), Clodinafop propargyl (Sum of clodinafop-propargyl and clodinafop), Dichlobenil (Sum of dichlobenil and 2,6-dichlorobenzamide), Dicofol (Sum of o,p'-dicofol and p,p' dicofol), Dimethenamid-P (Sum of dimethenamid-P and its enantiomer), Endosulfan (Sum of alpha- and beta- endosulfan and endosulfan sulphate), Esfenvalerate (Sum of fenvalerate isomers), Indoxacarb (Sum of indoxacarb and its R enantiomer), Methomyl (Sum of methomyl and thiodicarb, expressed as methomyl), Mevinphos (Sum of E-Mevinphos and Z-Mevinphos), Naled (Sum of naled and dichlorvos expressed as naled), Norflurazon (Sum of norflurazon, and norflurazon-desmethyl), Oxamyl (Sum of oxamyl and oxamyl oxime expressed as oxamyl), Phosphamidon (Sum of phosphamidon and N-Desethyl

	phosphamidon), Spiromesifen (Sum of spiromesifen and spiromesifen alcohol expressed as spiromesifen), Spirotetramat (Sum of spirotetramat and spirotetramat enol expressed as spirotetramat), Tefluthrin (Sum of tefluthrin and lambda-cyhalothric acid), Coumaphos (Sum of coumaphos and coumaphos oxon), Fenamiphos (Sum of fenamiphos and fenamiphos sulphoxide and fenamiphos sulfone, expressed as fenamiphos), Methiocarb (Sum of methiocarb, methiocarb sulphoxide and methiocarb sulphone, express as methiocarb), Oxydemeton-methyl (Sum of oxydemeton-methyl, demeton-S-methyl and demeton-S-methylsulphone expressed as oxydemeton-methyl), Terbufos (Sum of terbufos , terbufos sulfone, terbufos sulfoxide, terbufos oxon, terbufos oxon-sulfone and terbufos oxon-sulfoxide expressed as terbufos). (Reporting limits: refer. to SOP manual)
FD-PEST-CAL9	Expression of Pesticide residue definition in fruit and vegetables Fluazifop-P-butyl (Fluazifop-butyl and fluazifop acid) Fluometuron, (Sum of fluometuron and trifluoromethylaniline (TFMA) determined as TFMA) Meptyldinocap (Sum of meptyldinocap and 2,4-DNOP, expressed as meptyldinocap) Quintozene (Sum of Pentachloroaniline, Methyl pentachlorophenyl sulphide and Quintozene, expressed as quintozene)
FD-PEST-CAL10	Expression of Pesticide residue definition in cereals Fluazifop-P-butyl (Fluazifop-butyl and fluazifop acid) Fluometuron (Sum of fluometuron and trifluoromethylaniline (TFMA) determined as TFMA) Imazamethabenz methyl (Sum of methyl 2-(4-isopropyl-4-methyl-5-oxo-2-imidazolin-2-yl)-p-toluate and methyl 6-(4-isopropyl-4-methyl-5-oxo-2-imidazolin-2-yl)-m-toluate) Nitrapyrin (Sum of nitrapyrin and 6-chloropicolinic acid) Quintozene (Sum of Pentachloroaniline, Methyl pentachlorophenyl sulphide and Quintozene, expressed as quintozene)
FD-PEST-CEREAL-GC2	Determination of Pesticide residues in cereal using GC-MSMS Nitrapyrin, Captan, Fthalide, Pentachloroaniline, Methyl pentachlorophenyl sulphide, Quintozene
FD-PEST-CEREAL-LC1 and FD-PEST-CEREAL-GC1	Analysis of multi-Class Pesticide Residues in Cereal grains by LC-MS-MS and GC-MS-MS : (E)-Mevinphos , (Z)-Mevinphos , 3-Hydroxycarbofuran , Acephate , Acetamiprid , Acibenzolar-S-methyl , Aldicarb , Aldicarb sulfone , Aldicarb sulfoxide , Ametryn , Amitraz , Azinphos-methyl , Azoxystrobin , Benalaxyl , Bendiocarb , Benfuracarb , Bitertanol , Bromacil , Bromopropylate , Buprofezin , Butocarboxim , Cadusafos , Carbaryl , Carbofuran , Carbophenothion , Carbosulfan , Chlorbenzuron , Chlorfenvinphos , Chlorimuron ethyl , Chlorpropham , Chlorpyrifos , Chlorsulfuron , Clodinafop , Clodinafop propargyl , Clomazone , Clothianidin , Coumaphos , Coumaphos-oxon , Crufomate , Cycloate , Cypermethrin (sum of isomers) , Cyprodinil , Deltamethrin , Demeton- S-methyl , Demeton- S-methylsulfone , Diazinon , Dichlofluanid , Dicrotophos , Difenoconazole , Diflubenzuron , Dimethenamid , Dimethoate ,

	Dimethomorph , Diniconazole , Dinotefuran , Diphenylamine , Disulfoton , Dodine , Edifenphos , Ethiofencarb , Ethion , Ethoprophos , Ethoxyquin , Etofenprox , Etoxazole , Famoxadone , Fenamidone , Fenamiphos , Fenamiphos sulfone , Fenamiphos sulfoxide , Fenarimol , Fenbuconazole , Fenbutatin oxide , Fenchlorphos , Fenhexamid , Fenobucarb (BPMC) , Fenpropimorph , Fenpyroximate , Fensulfothion , Fenvalerate , Fluazinam , Flufenoxuron , Flumethrin , Flumioxazin , Fluopicolide , Fluopyram , Fluridone , Fluthiacet methyl , Flutriafol , Fluvalinate , Fomesafen , Fosthiazate , Halosulfuron methyl , Hexythiazox , Imazalil , Imazethapyr , Indoxacarb , Iprodione , Isocarbophos , Isofenphos , Isoprocarb , Isoxaben , Kresoxim methyl , Lactofen , Lambda-cyhalothric acid , Mandipropamid , Metconazole , Methamidophos , Methidathion , Methiocarb , Methiocarb sulphone , Methiocarb sulphoxide , Methomyl , Methoxyfenozide , Metolcarb , Metrafenone , Metribuzin , Molinate , Monocrotophos , Myclobutanil , Naled , Napropamide , Naptalam , N-desethyl-phosphamidon , Norflurazon , Norflurazon-desmethyl , Novaluron , Omethoate , Oryzalin , Oxadiazon , Oxamyl , Oxamyl oxime , Oxydemeton-methyl , Paclobutrazol , Parathion-methyl , Penconazole , Pendimethalin , Phenmedipham , Phenthoate , Phosalone , Phosmet , Phosphamidon , Profenofos , Promecarb , Prometryn , Propanil , Propargite , Propiconazole , Propoxur , Prothioconazole , Prothioconazole-desthio , Prothiofos , Pymetrozine , Pyraclostrobin , Pyrazophos , Pyridaben , Pyridalyl , Pyrimethanil , Quinalphos , Quinoxyfen , Semiamitraz , Spinetoram , Spirodiclofen , Spiromesifen alcohol , Spirotetramat , Spirotetramat-enol , Spiroxamine , Sulfotep , Tebuconazole , Tebufenozide , Teflubenzuron , Terbufos , Terbufos oxon-sulfone , Terbufos oxon-sulfoxide , Terbufos sulfone , Terbufos sulfoxide , Terbufos-oxon , Tetrachlorvinphos , Tetraconazole , Thiabendazole , Thiacloprid , Thiamethoxam , Thiodicarb , Tolclofos methyl , Tolylfluanid , Topramezone , Tralkoxydim , Tribufos , Trichlorfon , Tricyclazole , Trifloxystrobin , Trifloxysulfuron , Triflusulfuron methyl , Uniconazole , Vamidothion , Zoxamide , 2-(Thiocyanomethyl-thio) benzothiazole (TCMTB) , "2 , 4'- Dicofol" , "2 , 6-dichlorobenzamide" , "4 , 4'- Dicofol" , Benfluralin , Bifenthrin (sum of all isomers) , Chlorethoxyfos , Chlorfenapyr , Chlorothalonil , Cyfluthrins (sum of all isomers) , Dichlobenil , Dicloran , Dimethipin , Endosulfan I , Endosulfan II , Endosulfan sulphate , Ethalfluralin , Fenpropathrin , Fipronil , Flucythrinate , Folpet , Hexachlorobenzene , Methoxychlor , Methyl pentachlorophenyl sulphide , Mirex , Oxychlordane , Pentachloroaniline , Procymidone , Quintozene (pentachloronitrobenzene) , Tecnazene , Tefluthrin , Tetradifon , Trifluralin , Vinclozolin. (Reporting limits: refer. to SOP manual)
FD-PEST-CEREAL-LC2	Determination of Pesticide residues in cereal using LC-MSMS 2,4-D, Bensulfuron methyl, Bioresmethrin, Bispyribac sodium, Bisultap,, Clopyralid, Dicamba, Ethephon, Florasulam, Fluazifop-butyl, Fluazifop acid, Fluometuron, trifluoromethylaniline (TFMA), Fluroxypyr, Flutolanil, Hymexazol, methyl 2-(4-isopropyl-4-methyl-5-oxo-2-imidazolin-2-yl)-p-toluate methyl 6-(4-isopropyl-4-methyl-5-oxo-2-imidazolin-2-yl)-m-toluate, Imazapyr, Mepronil, Mesosulfuron methyl, Methoprene, Metolachlor, Orthosulfamuron, Picloram, Prosulfuron, Pyroxsulam, Quinclorac, Sethoxydim, Triasulfuron, Triclopyr, Triticonazole, Blasticidin-S, Butachlor, 6-chloropicolinic acid

FD-PEST-CEREAL-LC and FD-PEST-CEREAL-GC	Analysis of multi-Class Pesticide Residues in Cereal grains by LC-MS-MS and GC-MS-MS: Alpha-R deltamethrin , Atrazine- desisopropyl , Carfentrazone , Fenthion sulfone, Fenthion sulfoxide, Heptachlor epoxide , Jasmolin I, o,p'-DDT, p,p'-TDE, Pyrethrin II, Spinosyn A, Acifluorfen, Alachlor, Aldrin, alpha-HCH, Anilazine , Atrazine, Atrazine-desethy desisopropyl, beta-HCH, Bioresmethrin, Boscalid, Bromoxynil , Butylate, Captan, Carbendazim (sum of benomyl and carbendazim), Carfentrazone ethyl, Chlorantraniliprole, Chlorpyrifos methyl, Chlortoluron, Cinerin I, Cinerin II , cis-Chlordane, Cyhalothrin, Cymoxanil, Cypermethrins (sum of isomers), Cyproconazole, delta-HCH, delta-keto-endrin, Dichlorvos, Dieldrin, Difenzoquat, Dimethenamid, Deltamethrin, Endrin, Fenitrothion, Fenthion, Fenthion oxon, Fenthion-oxon-sulfone, Fenthion-oxon-sulfoxide, Fenvalerate, Florasulam, Fluazifop, Fluazifop butyl, Flubendiamide, Fludioxonil, Flumetsulam, Flusilazole, Formetanate HCl, gamma-HCH, Heptachlor, Imazosulfuron, Ipconazole, Isofenphos methyl, Isoprothiolane, Jasmolin II, Malathion, Mepronil, Mesosulfuron methyl, Mesotrione, Metalaxyl, Methoprene, Nicosulfuron, Orthosulfamuron, Oxyfluorfen, p,p'-DDE, p,p'-DDT, Parathion, Penoxsulam Permethrins (sum of isomers), Phorate, Phorate oxon, Phorate sulfone, Phorate sulfoxide, Phorate-oxon-sulfone, Phorate-oxon-sulfoxide, Phoxim, Piperonyl butoxide, Pirimicarb, Pirimiphos methyl Pretilachlor , Prosulfuron, Pyrethrin I, Pyriproxyfen, Quizalofop, Quizalofop ethyl, Rimsulfuron, Semiamitraz, Simazine, Spinosyn D, Spiromesifen, Thiencarbazone methyl, Thifensulfuron methyl, Thiocyclam, Thiophanate-methyl, Triadimenol, trans-chlordane, trans-deltamethrin, Triadimefon, Triazophos, Triticonazole. (Reporting limits: refer to SOP manual)
FD-PEST-GEN-GC-MSMS2	Determination of Pesticide residues in fruits and vegetables using GC-MSMS Bromopropylate, Captan, Pentachloroaniline, Methyl pentachlorophenyl sulphide, Quintozene
FD-PEST-GEN-LC-MSMS and FD-PEST-GEN-GC-MSMS	Analysis of multi-Class Pesticide residues in Fruits and Vegetables by LC-MS-MS and GC-MS-MS: Bromoxynil, Chlorpyrifos-methyl, Chlortoluron, Cyprodinil, Fludioxonil, Flufenpyr ethyl, Flumetsulam, Flumiclorac-pentyl, Fonofos(Dyfonate), Forchlorfenuron, Imazosulfuron, Iodosulfuron-methyl-sodium, Piperonyl butoxide, Primisulfuron-methyl, Propamocarb, Pyriproxyfen, Thiencarbazone methyl, Thifensulfuron methyl, Tribenuron-methyl, Thiophanate-methyl, Carbendazim (sum of benomyl and carbendazim), Alpha-R-deltamethrin, Trans-deltamethrin, Deltamethrin, Aldrin, Dieldrin. (Reporting limits: refer. to SOP manual)
FD-PEST-GEN-LC-MSMS1 and FD-PEST-GEN-GC-MSMS1	Analysis of multi-Class Pesticide Residues in Fruits and Vegetables by LC-MS-MS and GC-MS-MS: (E)-Mevinphos, (Z)-Mevinphos, 3-Hydroxycarbofuran, Acephate, Acetamiprid, Acibenzolar-S-methyl, Acifluorfen, Alachlor, Aldicarb, Aldicarb sulfone, Aldicarb sulfoxide, Ametryn, Amitraz, Anilazine, Atrazine, Atrazine-desethyl-desisopropyl, Atrazine-desisopropyl, Azinphos-methyl, Azoxystrobin, Benalaxyl, Bendiocarb, Benfuracarb, Bitertanol, Boscalid, Bromacil, Bromopropylate, Buprofezin, Butocarboxim, Butylate, Cadusafos, Carbaryl, Carbofuran, Carbophenothion, Carbosulfan, Carfentrazone, Carfentrazone ethyl, Chlorantraniliprole, Chlorbenzuron, Chlorfenvinphos, Chlorimuron ethyl, Chlorpropham, Chlorpyrifos, Chlorsulfuron, Cinerin I, Cinerin II, Clodinafop, Clodinafop propargyl, Clomazone, Clothianidin, Coumaphos, Coumaphos-oxon, Crufomate, Cycloate, Cyhalothrin (sum of isomers),

	Cymoxanil, Cyproconazole, Cyprodinil, Demeton- S-methyl, Demeton- S-methylsulfone, Diazinon, Dichlofluanid, Dichlorvos, Dicrotophos, Difenoconazole, Difenzoquat, Diflubenzuron, Dimethenamid, Dimethoate, Dimethomorph, Diniconazole, Dinotefuran, Diphenylamine, Disulfoton, Dodine, Edifenphos, Ethiofencarb, Ethion, Ethoprophos, Ethoxyquin, Etofenprox, Etoxazole, Famoxadone, Fenamidone, Fenamiphos, Fenamiphos sulfone, Fenamiphos sulfoxide, Fenarimol, Fenbuconazole, Fenbutatin oxide, Fenchlorphos, Fenhexamid, Fenitrothion, Fenobucarb (BPMC), Fenpyroximate, Fensulfothion, Fenthion, Fenthion oxon, Fenthion sulfone, Fenthion sulphoxide, Fenthion-oxon-sulfone, Fenthion-oxon-sulfoxide, Fluazifop acid, Fluazifop-butyl, Fluazinam, Flubendiamide, Flufenoxuron, Flumethrin, Flumioxazin, Fluopicolide, Fluopyram, Fluridone, Flusilazole, Fluthiacet methyl, Flutriafol, Fluvalinate, Fomesafen, Formetanate hydrochloride, Fosthiazate, Halosulfuron methyl, Hexythiazox, Imazalil, Imazethapyr, Indoxacarb, Ipconazole, Iprodione, Isocarbophos, Isofenphos, Isofenphos-methyl, Isoprocarb, Isoprothiolane, Isoxaben, Jasmolin I, Jasmolin II, Kresoxim methyl, Lactofen, Lambda-cyhalothric acid, Malathion, Mandipropamid, Mesotrione, Metalaxyl, Metconazole, Methamidophos, Methidathion, Methiocarb, Methiocarb sulphone, Methiocarb sulphoxide, Methomyl, Methoxyfenozide, Metolcarb, Metrafenone, Metribuzin, Molinate, Monocrotophos, Myclobutanil, Naled, Napropamide, Naptalam, Nicosulfuron, Norflurazon, Norflurazon-desmethyl, Novaluron, Omethoate, Oryzalin, Oxadiazon, Oxamyl, Oxamyl oxime, Oxydemeton-methyl, Oxyfluorfen, Paclobutrazol, Parathion-ethyl, Parathion-methyl, Penconazole, Pendimethalin, Penoxsulam, Phenmedipham, Phenthoate, Phorate, Phorate oxon, Phorate sulfone, Phorate sulfoxide, Phorate-oxon-sulfone, Phorate-oxon-sulfoxide, Phosalone, Phosmet, Phoxim, Pirimicarb, Pirimiphos-methyl, Profenofos, Promecarb, Prometryn, Propargite, Propiconazole, Propoxur, Prothioconazole, Prothioconazole-desthio, Prothiofos, Pymetrozine, Pyraclostrobin, Pyrazophos, Pyrethrin I, Pyrethrin II, Pyridaben, Pyridalyl, Pyrimethanil, Quinalphos, Quinoxyfen, Quizalofop, Quizalofop-ethyl, Rimsulfuron, Semiamitraz, Simazine, Spinetoram, Spinosyn A, Spinosyn D, Spirodiclofen, Spiromesifen, Spiromesifen alcohol, Spirotetramat, Spirotetramat-enol, Spiroxamine, Sulfotep, Tebuconazole, Tebufenozide, Teflubenzuron, Terbufos, Terbufos oxon-sulfone, Terbufos oxon-sulfoxide, Terbufos sulfone, Terbufos sulfoxide, Terbufos-oxon, Tetrachlorvinphos, Tetraconazole, Thiabendazole, Thiacloprid, Thiamethoxam, Thiocyclam, Thiodicarb, Tolclofos methyl, Tolylfluanid, Topramezone, Tralkoxydim, Triadimefon, Triadimenol, Triazophos, Tribufos, Trichlorfon, Tricyclazole, Trifloxystrobin, Trifloxysulfuron, Triflusulfuron methyl, Uniconazole, Vamidothion, Zoxamide, 2-(Thiocyanomethyl-thio) benzothiazole (TCMTB), 2, 4'-DDE, 2, 4'-DDT, 2, 4-DDD, 2, 6-dichlorobenzamide, 4, 4'-DDE, 4, 4-DDD, 4, 4-DDT, alpha-BHC, Benfluralin, beta-BHC, Bifenthrin (sum of isomers), Chlorethoxyfos, Chlorfenapyr, Chlorothalonil, cis-Chlordane, Cyfluthrins (sum of isomers), Cypermethrins (sum of isomers), delta-BHC, Dichlobenil, Dicloran, Dimethipin, Endosulfan I, Endosulfan II, Endosulfan sulphate, Endrin, Endrin ketone (delta-keto-endrin), Esfenvalerate, Ethalfluralin, Fenpropathrin, Fenpropimorph, Fenvalerate, Fipronil, Flucythrinate, Folpet, Heptachlor, Heptachlor epoxide, Hexachlorobenzene, Lindane, Methoxychlor, Methyl pentachlorophenyl sulphide, Mirex, N-desethyl-phosphamidon, o, p'- Dicofol, Oxychlordane, p, p'- Dicofol, Pentachloroaniline, Permethrins (sum of isomers), Phosphamidon, Procymidone, Propanil, Quintozene (pentachloronitrobenzene),

	Tau-fluvalinate, Tecnazene, Tefluthrin, Tetradifon, trans-Chlordane, Trifluralin, Vinclozolin. (Reporting limits: refer. to SOP manuals)
FD-PEST-GEN- LC-MSMS2	Analysis of multi-Class Pesticide Residues in Fruits and Vegetables by LC-MS-MS: Acequinocyl, Acequinocyl-hydroxy (2-dodecyl-3-hydroxy-1,4-naphthoquinone), Bentazon, 8-hydroxybentazone, 6-hydroxybentazone, Diclofop methyl, Diclofop acid (2-(4-(2,4-Dichlorophenoxy)phenoxy)propanoic acid), 2-[4-(2,4-dichloro-5-hydroxyphenoxy)phenoxy]propanoic acid, Fenoxaprop ethyl, Fenoxaprop (2-[4-[(6-chloro-2-benzoxazolyl)oxy]phenoxy]propanoic acid), 6-Chloro-2,3-dihydrobenzoxazol-2-one, Flonicamid, 4-trifluoromethylnicotinic acid, 4-trifluoromethylnicotinamide, N-(4-trifluoromethylnicotinoyl)-glycine, Flufenacet, Flufenacet ESA sodium, salt, Flufenacet OA, Fluometuron, Imazamethabenz-methyl (mixture of isomers), Imidacloprid, 6-Chloronicotinic acid, Imidacloprid olefin, Imidacloprid urea, Linuron, 1-(3,4-Dichlorophenyl)urea, 1-(3,4-Dichlorophenyl)-3-methylurea, Metaflumizone E-isomer, Metaflumizone Z-isomer, 6-chloropicolinic acid, Prochloraz, Prochloraz Metabolite BTS40348, Prochloraz Metabolite BTS44595, Prochloraz Metabolite BTS44596, Propazine, Atrazine desethyl (2-amino-4-chloro-6-isopropylamino-s-triazine), 2,4-diamino-6-chloro-s-triazine, Tembotrione, Tembotrione metabolite AE 1417268. (Reporting limits: refer. to SOP manuals)
FD-PEST-GEN- LC-MSMS3	Analysis of multi-Class Pesticide Residues in Fruits and Vegetables by LC-MS-MS: 1-Naphthaleneacetic acid (Sum of 1-naphthaleneacetic acid and its conjugates, expressed as 1-naphthaleneacetic acid), 2,4-DB acid (Sum of 2,4-DB, both free and conjugated, expressed as the acid), 2-methyl-4-chlorophenoxyacetic acid(MCPA) (Sum of MCPA, both free and conjugated, expressed as MCPA), Haloxyfop (Sum of haloxyfop(including haloxyfop-P), its esters and its conjugates, expressed as haloxyfop), MCPB (4-(2-methyl-4-chlorophenoxy)butyric acid) (Sum of MCPB, free and conjugated, expressed as MCPB). (Reporting limits: refer. to SOP manual)
FD-PEST-GEN-LC-MSMS4	Analysis of multi-Class Pesticide Residues in Bulb Vegetables by LC-MS-MS : Acephate , Aldicarb , Aldicarb-sulfone , Aldicarb-sulfoxide , Amitraz , Azinphos-methyl , Azoxystrobin , Benalaxyl , Boscalid , Carbaryl , Carbofuran , 3-hydroxycarbofuran , Carbosulfan , Chlorpyrifos , Cinerin-1 , Cinerin-2 , Cyhalothrin (sum of all isomers) , Cyprodinil , Diazinon , Dichlofluanid , Dichlorvos , Difenoconazole , Dimethenamid , Dimethoate , Fenitrothion , Fenthion , Fenthion-oxon , Fenthion-oxon-sulfone , Fenthion-oxon-sulfoxide , Fenthion-sulfone , Fenthion-sulfoxide , Flumioxazin , Fluopicolide , Iprodione , Jasmolin-1 , Jasmolin-2 , Malathion , Mandipropamid , Metalaxyl , Methamidophos , Methidathion , Methiocarb , Methiocarb-sulfone , Methiocarb-sulfoxide , Methomyl , Oxamyl , Oxamyl-oxime , Oxyfluorfen , Parathion , Phosalone , Phoxim , Pirimicarb , Profenofos , Pyraclostrobin , Pyrethrin-1 , Pyrethrin-2 , Pyrimethanil , Pyriproxyfen , Semiamitraz , Thiamethoxam , Thiodicarb , Triazophos , Trichlorfon. (Reporting limits: refer. to SOP manual)

FD-PEST-GEN-LC-MSMS5	Determination of Pesticide residues in fruits and vegetables using LC-MSMS 2,4-D, Aminoethoxyvinylglycine hydrochloride (Aviglycine HCl), Amitrole, Clofentezine, Clopyralid, Cyhexatin, Cyromazine, Desmedipham, Dicamba, Diclosulam, Dithianon, Ethephon, Fluazifop-butyl, Fluazifop acid, Fluometuron, trifluoromethylaniline (TFMA), Fosetyl aluminium, Meptyldinocap, 2,4-DNOP, Metaldehyde, Prohexadione calcium, Hydramethylnon, Clothianidin (Sum of clothianidin and its Z-isomers)
FD-PEST-GUIDE-REP	Guidelines on choosing methods of analysis to report pesticide residues content under Pesticide Residues in Food Regulation in Hong Kong (Cap.132.CM)
FD-PEST-SCR-LC and FD-PEST-SCR-GC	Qualitative analysis of pesticide residues in fruits and vegetables by LC-MS-MS and GC-MS-MS: 3-hydroxycarbofuran, Acetamiprid, Benfluralin, Carbaryl, Carbendazim, Carbofuran, Chlorfenapyr, Chlorothalonil, Chlorpyrifos, cinerin I, cinerin II, Cyhalothrin (sum of isomers), Cypermethrins (sum of isomers), Diazinon, Difenoconazole, Dimethoate, Endosulfan I, Endosulfan II, Endosulfan sulphate, Fenitrothion, Fenpropathrin, Fenpyroximate, Fenthion, Fenthion oxon, Fenthion sulfone, Fenthion sulfoxide, Fenthion-oxon-sulfone, Fenthion-oxon-sulfoxide, Fenvalerate, jasmolin I, jasmolin II, Methomyl, o, p'- Dicofol, p, p'- Dicofol, Permethrins (sum of isomers), pyrethrin I, pyrethrin II, Semiamitraz, Thiophanate-methyl. (Reporting limits: refer. to SOP manual)
FD-PEST-SCR-LC1	Qualitative analysis of pesticide residues in fruits and vegetables by LC-MS-MS : Acephate , Aldicarb , Aldicarb sulfone , Aldicarb sulfoxide , Ametryn , Benalaxyl , Bitertanol , Bromopropylate , Carbosulfan , Chlorpyrifos-methyl , Clomazone , Cyhalothrin (sum of isomers) , Cymoxanil , Cyprodinil , Diflubenzuron , Dimethomorph (sum of isomers) , Diniconazole , Dodine , Etofenprox , Etoxazole , Fenarimol , Fenbuconazole , Fenhexamid , Fluazinam , Fluopicolide , Flusilazole , Fenpropimorph , Hexythiazox , Imazalil , Indoxacarb , Kresoxim methyl , Mandipropamid , Metalaxyl , Methamidophos , Methidathion , Methoxyfenozide , Myclobutanil , Novaluron , Parathion-ethyl , Parathion-methyl , Phorate , Phorate oxon , Phorate sulfone , Phorate sulfoxide , Phorate-oxon-sulfone , Phorate-oxon-sulfoxide , Phosalone , Phosmet , Pirimicarb , Profenofos , Propamocarb , Propargite , Propiconazole , Pymetrozine , Pyraclostrobin , Pyridaben , Pyridalyl , Pyrimethanil , Pyriproxyfen , Quinoxyfen , Spinosyn A , Spinosyn D , Spirodiclofen , Spiromesifen , Spiromesifen alcohol , Spirotetramat , Spirotetramat-enol , Tebuconazole , Tebufenozide , Teflubenzuron , Tetraconazole , Thiabendazole , Thiacloprid , Thiamethoxam , Thiodicarb , Tolclofos methyl , Tolylfluanid , Triadimefon , Triadimenol , Trifloxystrobin , Zoxamide. (Reporting limits: refer. to SOP manual)
FD-PSPs-LCMSMS	Determination of Paralytic Shellfish Poisoning Toxins in shellfish by LC-MSMS STX, NEO, GTX1, GTX2, GTX3, GTX4, GTX5, C1 and C2, dcSTX, dcNEO, dcGTX2, dcGTX3, GTX6, C3, C4, doSTX. (Reporting limits: refer. to SOP manual)
FD-TCM-HM-4	Determination of arsenic, cadmium, lead, mercury and copper in proprietary Chinese medicine by ICP-OES and ICP-MS: Arsenic, Cadmium, Copper, Lead, Mercury

FD-TCM-HM-5	Determination of Heavy Metal in Chinese Materia Medica (CMM) by ICP-MS [Based on Hong Kong Chinese Materia Medica Standards, App. V]: Arsenic, Cadmium, Lead, Mercury
FD-TCM-HM6	Determination of arsenic, cadmium, lead, mercury and copper in decoction of Chinese herbal medicine (dCHM) and concentrated granules of Chinese herbal medicines (gCHM) by ICP-MS (Reporting limits: refer. to SOP manual)
FD-TCM-PEST-3	Qualitative analysis of Pesticide residue in Proprietary Chinese Medicines and Chinese Herbal Medicines by GC-MS-MS; Organochlorine pesticides: Aldrin, Dieldrin, Endrin, cis-Chlordane, trans-Chlordane, Oxychlordane, Heptachlor, Heptachlor epoxide, Hexachlorocyclohexane isomers (alpha-, beta- and delta-BHC), Lindane, Hexachlorobenzene, Methyl pentachlorophenyl sulphide, Pentachloroaniline, Quintozene (pentachloronitrobenzene), 2,4'-DDT, 4,4'-DDT, 4,4'-DDE and 4,4'-DDD
FD-TCM-PEST-4	Analysis of pesticide residues (organochlorine) in proprietary Chinesemedicine and Chinese materia medica by GC-ECD and GC-MSD: Aldrin, Dieldrin, Endrin, cis-Chlordane, trans-Chlordane, Oxychlordane, Heptachlor, Heptachlor epoxide, Hexachlorocyclohexane isomers (alpha-, beta- and delta-BHC), Lindane, Hexachlorobenzene, Methyl pentachlorophenyl sulphide, Pentachloroaniline, Quintozene (pentachloronitrobenzene), 2,4'-DDT, 4,4'-DDT, 4,4'-DDE and 4,4'-DDD
FD-TCM-PEST-5	Analysis of pesticide residues (organochlorine) in oily proprietary Chinese medicine (Ointments, liniments and plasters) by GC-ECD and GC-MSD: Aldrin, Dieldrin, Endrin, cis-Chlordane, trans-Chlordane, Oxychlordane, Heptachlor, Heptachlor epoxide, Hexachlorocyclohexane isomers (alpha-, beta- and delta-BHC), Lindane, Hexachlorobenzene, Methyl pentachlorophenyl sulphide, Pentachloroaniline, Quintozene (pentachloronitrobenzene), 2,4'-DDT, 4,4'-DDT, 4,4'-DDE and 4,4'-DDD
FD-TCM-PEST-6	Analysis of Organochlorine pesticide residues (Endosulfan I, Endosulfan II, Endosulfan sulphate) in Proprietary Chinese Medicines and Chinese Herbal Medicines (Reporting limits: refer. to SOP manual)
Food and Chinese Medicine	
FD-PEST-GEN-GC-MSMS3	Determination of Pesticide residues in fruits and vegetables using GC-MSMS: Fenitrothion, Parathion, Parathion-methyl (Reporting limits: refer. to SOP manual)
FD-PEST-GEN-LC-MSMS6	Determination of Pesticide residues in fruits and vegetables using LC-MSMS: Acequinocyl, Dicamba, Dimethoate, Fludioxonil, Prochloraz, Prochloraz metabolites BTS40348, Prochloraz metabolites BTS44595, Prochloraz metabolites BTS44596, Spiromesifen, Spiromesifen alcohol, Spirotetramat, Sethoxydim, Triflumizole (Reporting limits: refer. to SOP manual)
FD-PEST-CAL11	Expression of Pesticide residue definition in fruit and vegetables: Acequinocyl (Sum of acequinocyl and acequinocyl-hydroxy(2-dodecyl-3-hydroxy-1,4-naphthoquinone), expressed as acequinocyl), Prochloraz (Sum of prochloraz and its metabolites containing the 2,4,6-trichlorophenol moiety,

	expressed as prochloraz), Spiromesifen (Sum of spiromesifen and spiromesifen alcohol(4-hydroxy-3-(2,4,6-trimethylphenyl)-1-oxaspiro[4.4]non-3-en-2-one), expressed as spiromesifen), Spirotetramat (Sum of spirotetramat and spirotetramat-enol(3-(2,5-dimethylphenyl)-4-hydroxy-8-methoxy-1-azaspiro[4.5]dec-3-en-2-one), expressed as spirotetramat) (Reporting limits: refer. to SOP manual)
FD-PEST-CAL12	Expression of Pesticide residue definition in cereals: Clodinafop (Sum of clodinafop-propargyl and clodinafop), Phorate (Sum of phorate, phorate sulfoxide, phorate sulfone, phorate oxon, phorate-oxon-sulfone and phorate-oxon-sulfoxide, expressed as phorate), Prothioconazole (Prothioconazole-desthio), Spiromesifen (Sum of spiromesifen and spiromesifen alcohol(4-hydroxy-3-(2,4,6-trimethylphenyl)-1-oxaspiro[4.4]non-3-en-2-one), expressed as spiromesifen) (Reporting limits: refer. to SOP manual)
FD-PEST-CEREAL-GC3	Determination of Pesticide residues in cereal using GC-MSMS: Fenitrothion, Fipronil, Parathion, Parathion-methyl (Reporting limits: refer. to SOP manual)
FD-PEST-CEREAL-LC3	Determination of Pesticide residues in cereal using LC-MSMS: Anilazine, Bitertanol, Clodinafop propargyl, Clodinafop, Clomazone, Clothianidin (Sum of clothianidin and its Z-isomers), Diflubenzuron, Dimethoate, Iodosulfuron-methyl sodium, Imazalil, Phenthoate, Phorate, Phorate oxon, Phorate sulfone, Phorate sulfoxide, Phorate-oxon-sulfone, Phorate-oxon-sulfoxide, Prothioconazole-desthio, Quinoxyfen, Spiromesifen, Spiromesifen alcohol, Tebufenozide, Tribenuron methyl (Reporting limits: refer. to SOP manual)
Chinese Medicine	
CM-DISPERSIBILITY-CP2020-1	Dispersion of specified proprietary Chinese medicine
FD-CHM-SO2-SCREENING1	Screening method of Sulphur dioxide in Chinese herbal medicine, concentrated granule of Chinese herbal medicine, decoction of Chinese herbal medicine, using lead acetate – Hydrogen sulfide reaction technique (Reporting limits: refer. to SOP manual)
FD-TCM-HM9	Determination of heavy metal - cadmium in proprietary Chinese medicine
FD-TCM-PEST-GEN	Determination of Pesticide Residues in Chinese Herbal Medicine Using GC-MS-MS and LC-MS-MS: Aldicarb, Aldicarb sulfone, Aldicarb sulfoxide, Aldrin, Cadusafos, Carbofuran , 3-Hydroxycarbofuran, Chlordimeform, Chlorsulfuron, Coumaphos, o,p'-DDT, p,p'-DDT, p,p'-DDD, p,p'-DDE, Demeton-O, Demeton-S, o,p'-Dicofol, p,p'-Dicofol, Dieldrin, α-Endosulfan, β-Endosulfan, Endosulfan sulfate, Ethametsulfuron-methyl, Ethoprophos, Fenamiphos, Fenamiphos sulfone, Fenamiphos sulfoxide, Fipronil, Fipronil-desulfinyl, Fipronil-sulfone, Fipronil-sulfoxide, Fonofos, α-Hexachlorocyclohexane, β- Hexachlorocyclohexane, γ- Hexachlorocyclohexane (Lindane), δ- Hexachlorocyclohexane, Isazophos, Isocarbophos, Isofenphos-methyl, Methamidophos, Metsulfuron-methyl, Monocrotophos, Nitrofen,

	Parathion, Parathion-methyl, Phorate, Phorate sulfone, Phorate sulfoxide, Phosphamidon, Posfolan, Posfolan-methyl, Sulfotep, Terbufos, Terbufos sulfone, Terbufos sulfoxide, Aldicarb (Sum of aldicarb, aldicarb sulfone and aldicarb sulfoxide, expressed as aldicarb), Carbofuran (Sum of carbofuran and 3-hydroxycarbofuran, expressed as carbofuran), DDT (Sum of o,p'-DDT, p,p'-DDT, p,p'-DDD and p,p'-DDE, expressed as DDT), Demeton (Sum of demeton-O and demeton-S, expressed as demeton), Dicofol (Sum of o,p'-dicofol and p,p'-dicofol, expressed as dicofol), Endosulfan (Sum of α-endosulfan, β-endosulfan and endosulfan sulfate, expressed as endosulfan), Fenamiphos (Sum of fenamiphos, fenamiphos sulfone and fenamiphos sulfoxide, expressed as fenamiphos), Fipronil (Sum of fipronil, fipronil-desulfinyl, fipronil-sulfone and fipronil-sulfoxide, expressed as fipronil), Hexachlorocyclohexane (Sum of α-HCH, β-HCH, γ-HCH and δ-HCH, expressed as HCH), Phorate (Sum of phorate, phorate sulfone and phorate sulfoxide, expressed as phorate), Terbufos (Sum of terbufos, terbufos sulfone and terbufos sulfoxide, expressed as terbufos) (Reporting limits: refer. to SOP manual)
FD-TCM-PEST-OPP	Determination of organophosphorus Pesticide residues in Chinese Herbal Medicine and decoction Chinese Herbal Medicine using LC-MSMS: Acephate, Chlorpyriphos, Diazinon, Dichlorvos, Dimethoate, Ethion, Isocarbophos, Malathion, Methamidophos, Methidathion, Monocrotophos, Omethoate, Parathion, Parathion-methyl, Phosphamidon, Triazophos, Trichlorphon (Reporting limits: refer. to SOP manual)
Pharmaceutical Products	
FD-PP-HM	Determination of specific elemental impurities in pharmaceutical products and materials for preparation: Arsenic, Cadmium, Mercury, Lead (Reporting limits: refer. to SOP manual)
Solar Irradiance	
ASTM C1371-15	Standard Test Method for Determination of Emittance of Materials Near Room Temperature Using Portable Emissometer
ASTM C1549-16	Standard Test Method for Determination of Solar Reflectance Near Ambient Temperature Using a Portable Solar Reflectometer and
ASTM E1980-11 Reapproved 2019	Standard Practice for Calculating Solar Reflectance Index of Horizontal and Low-Sloped Opaque Surfaces
Weathertightness of Windows and Doors	
ASTM E547-00 (Reapproved 2016)	Standard Test Method for water penetration of exterior windows, skylights, doors, and curtain walls by cyclic static air pressure difference
BS EN 1026: 2000/2016	Windows and Doors – Air permeability – Test method
BS EN 1027: 2000/2016	Windows and Doors – Watertightness – Test method
BS 6375, Part 1: 2009 BS 6375, Part 1: 2015 +A1:2016	Performance of windows and doors – Part 1: Classification for weathertightness and guidance on selection and specification [Applicable clauses: 6 (Test for air permeability), 7 (Test for watertightness), and 8 (Test for resistance to wind)]

BS EN 12207: 2000/2016	Windows and Doors – Air permeability - Classification
BS EN 12208: 2000	Windows and Doors – Watertightness – Classification
BS EN 12210: 2000/2016	Windows and Doors – Resistance to wind load - Classification
BS EN 12211: 2000/2016	Windows and Doors – Resistance to wind load – Test method