CERTIFICATE OF ACCREDITATION

This is to attest

FUJAIRAH LABORATORIES LLC

FUJAIRAH, PO BOX 666
FUJAIRAH, 666, UNITED ARAB EMIRATES

Testing Laboratory TL-1420

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.

Expiry Date April 1, 2027

Effective Date March 1, 2026

International Accreditation Service
Issued under the authority of IAS management

Visit www.iasonline.org for current accreditation information.

SCOPE OF ACCREDITATION

International Accreditation Service, Inc.

3060 Saturn Street, Suite 101, Brea, California 92821, U.S.A. | www.iasonline.org

FUJAIRAH LABORATORIES LLC

www.fujairahlabs.ae

Contact Name Vineeth Varghese **Contact Phone** +971-527834141

Accredited to ISO/IEC 17025:2017 *Effective Date March 1, 2026*

FIELDS OF TESTING	MATERIAL/ MATRIX	DETERMINANT(S)/ ANALYTE(S)	METHOD REFERENCE
Microbiology	Portable Water, Pool Water, Wastewater Bottled Water, Raw water, Sea water, Sweet water Ballast water Bilge water Sweet water Scrubber water Gray water Boiler water Chiller water Dialysis water Recreational water, Ice.	Heterotrophic plate count	APHA 9215 B
		Enumeration of Total coliforms	APHA 9222 B
		Enumeration of E.coli	APHA 9222 I
		Enumeration of Fecal coliforms	APHA 9222 D
		Enumeration of Total coliforms	APHA 9223 B
		Enumeration of E coli	APHA 9223 B
		Enumeration of Fecal coliforms	APHA 9223 B
		Enumeration of Pseudomonas aeruginosa	APHA 9213 E
		Enumeration of Fecal Streptococci (Enterococci)	APHA 9230 C
		Enumeration of Enterococci MPN	APHA 9230 D
		Enumeration of Legionella Spp.	ISO 11731 2017
		Detection of Salmonella spp.	ISO 19250
		Detection of Vibrio species	ISO 21872-1
		Enumeration of Staphylococcus aureus	APHA 9213 B
		Enumeration of Fecal coliforms	APHA 9221 E
		Enumeration of Yeast & molds	ISO 21527
		Enumeration of Clostridium perfringens	ISO 14189
		Detection of Listeria monocytogenes	BAM CHAPTER 10
		Enumeration of Phytoplankton	FL/SOP/MIC/024 Based on APHA 10200

FIELDS OF TESTING	MATERIAL/ MATRIX	DETERMINANT(S)/ ANALYTE(S)	METHOD REFERENCE
Microbiology (cont'd.)	Portable Water, Pool Water, Wastewater Bottled Water, Raw water, Sea water, Sweet water Ballast water Bilge water Sweet water Scrubber water Gray water Boiler water Chiller water Dialysis water Recreational water, Ice.(cont'd.)	Detection of Giardia	FL/SOP/MIC/025 Based on RT PCR Kit Method
		Detection of Cryptosporidium	FL/SOP/MIC/026 Based on RT PCR Kit Method
		Detection of Toxoplasma gondii	FL/SOP/MIC/027 Based on RT PCR Kit Method
		Sulphate-reducing bacteria (SRB)	FL/SOP/MIC/028 Based on Kit Method
		Detection of Shigella	APHA 9276
	Food and Beverages including Dairy products, Meat and Poultry products, Grain, Feed, Confectionery, Vegetables, Fruits Nuts Fish Shellfish Ready-to-eat meal	Enumeration of Aerobic plate count	US FDA BAM CHAPTER 3
		Enumeration of Staphylococcus aureus	US FDA BAM Chapter 12
		Detection of Salmonella Spp.	US FDA BAM Chapter 5
		Enumeration of Coliforms	US FDA BAM Chapter 4
		Enumeration of E. coli	US FDA BAM Chapter 4
		Detection of E. coli O157	FL/SOP/MIC/035 Based on Reveal kit method
		Enumeration of Bacillus cereus	US FDA BAM Chapter 14
		Detection of Vibrio species	ISO 21872-1
		Enumeration of Yeast & molds	US FDA BAM Chapter 18
		Enumeration of Clostridium Perfringens	US FDA BAM Chapter 16
		Listeria monocytogenes	US FDA BAM Chapter 10
		Enumeration of Enterobacteriaceae	ISO 21528
		Detection of Clostridium botulinum	FL/SOP/MIC/042 Based on CMMEF Chapter 32
		Detection of Abalone herpesvirus & Ostreid herpesvirus-1	FL/SOP/MIC/043 Based on RT PCR Kit method
		Detection of Bonamia exitiosa	

FIELDS OF TESTING	MATERIAL/ MATRIX	DETERMINANT(S)/ ANALYTE(S)	METHOD REFERENCE
Microbiology (cont'd.)	Food and Beverages including Dairy products, Meat and Poultry products, Grain, Feed, Confectionery, Vegetables, Fruits Nuts Fish Shellfish Ready-to-eat meal (cont'd.)	Detection of Bonamia ostreae	FL/SOP/MIC/043 Based on RT PCR Kit method(cont'd.)
		Detection of Marteilia refringens	
		Detection of Perkinsus marinus	
		Detection of Perkinsus olseni	
		Detection of Xenohaliotis californiensis	
		Enumeration of Sulphate Reducing Clostridia	ISO 15213
		Detection of Osmophilic yeast	FL/SOP/MIC/045 Based on CMMEF Chapter 17
		Enumeration of Pseudomonas Spp.	ISO 13720
		Detection of Noro Virus	FL/SOP/MIC/047 Based on RT PCR kit method
		Detection of Hepatitis A	
		Detection of White Spot Syndrome Virus (WSSV)	FL/SOP/MIC/049 Based on RT PCR Kit method
		Detection of Yellow Head Virus (YHV)	FL/SOP/MIC/050 Based on RT PCR Kit method
		Detection of Taura Syndrome Virus (TSV)	FL/SOP/MIC/051 Based on RT PCR Kit method
		Detection of Pork & Pork Derivatives	FL/SOP/MIC/052 Based on RT PCR Kit method
		Detection of Genetically Modified Organisms (GMO)	FL/SOP/MIC/053 Based on RT PCR Kit method
		Detection of Viral Haemorrhagic Septicaemia (VHS)	FL/SOP/MIC/054 Based on RT PCR Kit
		Detection of Lymphocystis Virus	FL/SOP/MIC/055 Based on RT PCR Kit
		Detection of Infectious Pancreatic Necrosis Virus (IPNV)	FL/SOP/MIC/056 Based on RT PCR Kit
		Detection of Iridovirus (VNN)	FL/SOP/MIC/057 Based on RT PCR Kit
		Shelf-life Study	FL/SOP/MIC/058 Based on BAM Methods
		Accelerated shelf-life study	FL/SOP/MIC/059 Based on BAM Methods
		Preservative Efficacy Study	FL/SOP/MIC/060 Based on BAM Methods

FIELDS OF TESTING	MATERIAL/ MATRIX	DETERMINANT(S)/ ANALYTE(S)	METHOD REFERENCE
Microbiology (cont'd.)	Food and Beverages including Dairy products, Meat and Poultry products, Grain, Feed, Confectionery, Vegetables, Fruits Nuts Fish Shellfish Ready-to-eat meal (cont'd.)	Enumeration of Lactic Acid Bacteria	ISO 15214
		Enumeration of Enterococcus	CMMEF CHAPTER 10
		Mesophilic spore count	CMMEF Chapter 23
		Proteolytic Microbes	CMMEF CHAPTER 16
		Detection of Campylobacter	FL/SOP/MIC/065 Based on RT PCR Kit Method
		Aciduric Flat-sour Spore formers	CMMEF CHAPTER 25
		Thermophilic flat sour Spor formers	CMMEF CHAPTER 26
		Thermophilic Anaerobic Spore formers	CMMEF CHAPTER 27
		Detection of Poultry Detection	FL/SOP/MIC/069 Based on RT PCR Kit Method
		Detection of Shigella spp.	US FDA BAM Chapter 6
		Detection of Cronobacter sakazakii	ISO 22964
	Swab	Enumeration of Aerobic plate count	US FDA BAM CHAPTER 3
		Enumeration of Staphylococcus aureus	US FDA BAM Chapter 12
		Detection of Salmonella	ISO 6579 2017/ BAM CHAPTER 5
		Enumeration of Total Coliforms	US FDA BAM Chapter 4
		Enumeration of Yeast & molds	US FDA BAM Chapter 18
		Detection of Listeria spp.	US FDA BAM Chapter 10
		Enumeration of Enterobacteriaceae	ISO 21528
		Enumeration of Bacillus cereus	US FDA BAM Chapter 14
		Enumeration of E coli	US FDA BAM Chapter 4
	Air	Enumeration of Aerobic Total Plate Count	FL/SOP/MIC/072
		Enumeration of Yeast & molds	FL/SOP/MIC/072
	Cosmetics	Total Plate Count / APC / AMC	ISO 21149

FIELDS OF TESTING	MATERIAL/ MATRIX	DETERMINANT(S)/ ANALYTE(S)	METHOD REFERENCE
Microbiology (cont'd.)	Cosmetics (cont'd.)	Enumeration of Yeast & molds	ISO 16212
		Enumeration of Candida albicans	ISO 18416
		Enumeration of Staphylococcus aureus	ISO 22718
		Enumeration of Pseudomonas aeruginosa	ISO 22717
		Enumeration of E coli	ISO 21150
	Honey	Pollen Identification and Quantification	FL/SOP/MIC/080 Based on Microscopy
Veterinary	Blood/Serum	Iron Test	FL/SOP/VET/006 based on Ferene method
		Creatinine Kinase Test	FL/SOP/VET/007 based on IFCC method
		LDH Test	FL/SOP/VET/008 based on IFCC method
		AST/SGOT Test	FL/SOP/VET/009 based on IFCC method
		ALT/SGPT Test	FL/SOP/VET/010 based on IFCC method
		Creatinine	FL/SOP/VET/011 based on IFCC method
		Blood Urea Nitrogen	FL/SOP/VET/012 based on the Urease method
		Total Protein Test	FL/SOP/VET/013 based on the Biuret method
		Albumin Test	FL/SOP/VET/014 based on BCG method
		Calcium Test	FL/SOP/VET/015 based on the Arsenazo III method
		Glucose Test	FL/SOP/VET/016 based on PAP Method
		GGT Test	FL/SOP/VET/017 IFCC method
		Phosphorous Test	FL/SOP/VET/019 based on Phosphomolybdate method
		Brucella Test	FL/SOP/VET/020 based on Chromatographic Immunoassay
	Blood	Blood Parasite	FL/SOP/VET/021 based on the Romanowsky stain method
	Fecal	Fecal parasites	FL/SOP/VET/022 based on the fecal floatation method

FIELDS OF TESTING	MATERIAL/ MATRIX	DETERMINANT(S)/ ANALYTE(S)	METHOD REFERENCE
Veterinary (cont'd.)	Blood	Complete Blood Count	FL/SOP/VET/023 based on fluorescent flow cytometry & hydrodynamic
	Feed	Aflatoxin Total	FL/SOP/VET/024 based on enzyme-linked immunosorbent assay
		Aflatoxin B1	FL/SOP/VET/025 based on enzyme-linked immunosorbent assay
	Shellfish	Domoic Acid	FL/SOP/VET/026 based on enzyme-linked immunosorbent assay
		Okadaic Acid	FL/SOP/VET/027 based on enzyme-linked immunosorbent assay
		Saxitoxin	FL/SOP/VET/028 based on enzyme-linked immunosorbent assay
	Urine	Urine Analysis	FL/SOP/VET/029 based on Dipstick & Microscopy method
	Blood/Fluids/Smear	Cytology	FL/SOP/VET/036 based on Romanowsky stain method
	Tissue	Histopathology	FL/SOP/VET/035 based on Hematoxylin & Eosin method
	Blood	Anaplasma spp.	FL/SOP/VET/037 based on RT-PCR
	Feather with quill or whole blood	Avian Sex Determination	FL/SOP/VET/030 based on PCR Method
	Blood/Serum	Testosterone	FL/SOP/VET/031 Based on enzyme-linked fluorescent assay
		Progesterone	FL/SOP/VET/032 Based on enzyme-linked fluorescent assay
		T3 (Triiodothyronine)	FL/SOP/VET/033 based on enzyme-linked fluorescent assay
		T4 (thyroxine)	FL/SOP/VET/034 Based on enzyme-linked fluorescent assay
Chemistry	Potable Water, Pool Water, Wastewater Bottled Water, Raw water, Sea water, Sweet water Ballast water Bilge water	Odor	APHA 2150 B
		Appearance	APHA 2110
		pH	APHA 4500 H+ B
		Color	APHA 2120 C
		Total Dissolved Solids (TDS)	APHA 2540 C
		Electrical Conductivity (EC)	APHA 2510B

FIELDS OF TESTING	MATERIAL/ MATRIX	DETERMINANT(S)/ ANALYTE(S)	METHOD REFERENCE
Chemistry (cont'd.)	Sweet water Scrubber water Gray water Boiler water Chiller water Dialysis water Recreational water, Ice.	Turbidity	APHA 2130 B
		Total hardness (mg/L as CaCO3)	APHA 2340 C/2340 B
		Alkalinity (as mg/L CaCO3)	APHA 2320 B
		Total solids (TS)	APHA 2540 B
		Carbonates and Bicarbonates	APHA 2320 B
		Chlorine (Total and Residual)	APHA 4500 Cl G
		Cyanide	HACH method 8027
		Inorganic Anions 1. Nitrate 2. Nitrite 3.Fluoride 4.Chlorate 5.Phosphate 6.Chloride 7.Sulphate 8.Bromide 9.Bromate 10.Chlorite	APHA 4110 B/4110 D
		Volatile organic compounds (VOC) Benzene Bromobenzene Bromochloromethane Bromodichloromethane Bromoform n-Butylbenzene sec-Butylbenzene tert-Butylbenzene Carbon tetrachloride Chlorobenzene Chloroform 2-Chlorotoluene 4-Chlorotoluene Dibromochloromethane 1,2-Dibromo-3-chloropropane 1,2-Dibromoethane Dibromomethane 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene 1,1-Dichloroethane 1,2-Dichloroethane 1,1-Dichloroethene	EPA 8260 D

FIELDS OF TESTING	MATERIAL/ MATRIX	DETERMINANT(S)/ ANALYTE(S)	METHOD REFERENCE
Chemistry (cont'd.)	Potable Water, Pool Water, Wastewater Bottled Water, Raw water, Sea water, Sweet water Ballast water Bilge water Sweet water Scrubber water Gray water Boiler water Chiller water Dialysis water Recreational water, Ice. (Cont'd.)	cis-1,2-Dichloroethene trans-1,2-Dichloroethene 1,2-Dichloropropane 1,3-Dichloropropane 2,2-Dichloropropane 1,1-Dichloropropene cis-1,3-Dichloropropene trans-1,3-Dichloropropene Ethylbenzene Hexachlorobutadiene Isopropylbenzene p-Isopropyltoluene Dichloromethane Naphthalene Propylbenzene Styrene 1,1,1,2-Tetrachloroethane 1,1,2,2-Tetrachloroethane Tetrachloroethene Toluene 1,2,3-Trichlorobenzene 1,2,4-Trichlorobenzene 1,1,1-Trichloroethane 1,1,2-Trichloroethane Trichloroethene 1,2,3-Trichloropropane 1,2,4-Trimethylbenzene 1,3,5-Trimethylbenzene o-Xylene m-Xylene p-Xylene Bromomethane Chloroethane Chloromethane Dichlorodifluoromethane Trichlorofluoromethane Vinyl chloride	EPA 8260 D (cont'd.)
		Organochlorine pesticides Alachlor Aldrin and dieldrin Atrazine Chlordane (Cis & Trans) Chlorpyrifos Endrin Chlorotoluran Isoproturon Lindane Methoxychlor Metolachlor Molinate, Pyriproxyfen	FL/SOP/CHE-025 based on APHA 6630 B/EPA 525.2

FIELDS OF TESTING	MATERIAL/ MATRIX	DETERMINANT(S)/ ANALYTE(S)	METHOD REFERENCE
Chemistry (cont'd.)	Potable Water, Pool Water, Wastewater Bottled Water, Raw water, Sea water, Sweet water Ballast water Bilge water Sweet water Scrubber water Gray water Boiler water Chiller water Dialysis water Recreational water, Ice. (Cont'd.)	Pendimethalin Simazine Terbuthylazine Trifluralin DDT Metabolites	FL/SOP/CHE-025 based on APHA 6630 B/EPA 525.2(cont'd.)
		Pesticides Aldicarb, Carbofuran , Cyanazine, Dimethoate, Hydroxy atrazine, Molinate, 2,4 –Dichlorophenoxy acetic acid, 8. 2,4-Dichlorophenoxybutyric acid, Dichloroprop , MCPA , Mcoprop, 2,4,5-T , Dicamba, Fenoprop	FL/SOP/CHE-026 based on APHA 6610 B
		Haloacetic acids (HAAS), 1. Monochloroacetate 2. Dichloroacetate 3. Trichloroacetate	FL/SOP/CHE-027 based on EPA 557
		Chlorinated Solvents / Haloacetonitrile's (Han's) 1. Di bromoacetonitrile 2. Di chloroacetonitrile	FL/SOP/CHE-028 based on EPA 551.1
		Semi-volatile Organic Chemicals (SVOC's) 1. DEHP, 2. Benzo (a) pyrene	FL/SOP/CHE-029 based on EPA 525.2
		Chlorinated Phenols 1) 2,4,6-Tricholorophenol 2) Pentachlorophenol	FL/SOP/CHE-030 based on EPA 557
		1,4-Dioxane	FL/SOP/CHE-031 based on EPA 522
		EDTA NTA	FL/SOP/CHE-032
		Metals Aluminum (Al) Antimony (Sb) Arsenic (As) Barium (Ba) Beryllium (Be) Bismuth (Bi) Boron (B) Cadmium (Cd)	APHA 3125B /EPA 200.8

FIELDS OF TESTING	MATERIAL/ MATRIX	DETERMINANT(S)/ ANALYTE(S)	METHOD REFERENCE
Chemistry (cont'd.)	Potable Water, Pool Water, Wastewater Bottled Water, Raw water, Sea water, Sweet water Ballast water Bilge water Sweet water Scrubber water Gray water Boiler water Chiller water Dialysis water Recreational water, Ice. (Cont'd.)	Calcium (Ca) Chromium (Cr), Cobalt (Co), Copper (Cu), Gallium (Ga), Germanium, Gold (Au), Indium (In), Iridium (Ir), Iron (Fe), Lead (Pb), Lithium (Li), Magnesium (Mg), Manganese (Mn), Mercury (Hg), Molybdenum (Mo), Nickel (Ni), Palladium (Pd), Phosphorous (P), Potassium (K), Scandium (Sc), Selenium (Se), Silicon (Si), Silver (Ag), Sodium (Na), Strontium (Sr), Sulphur(S), Tellurium (Te), Thallium (Tl), Thorium (Th), Tin (Sn), Titanium (Ti), Tungsten (W), Uranium (U), Vanadium (V), Zinc (Zn)	APHA 3125B /EPA 200.8 (cont'd.)
		Epichlorhydrin	FL/SOP/CHE-034 based on EPA 524
		Acrylamide	FL/SOP/CHE-035 based on EPA 8316
		Microcystin-LR	FL/SOP/CHE-036 based on EPA 544
		Total Suspended Solids (TSS)	APHA 2540 D
		Oil & Grease	APHA 5520 B, EPA 1664 A
		Total Phenols	HACH method 8047
		Hydrazine	HACH method 8141

FIELDS OF TESTING	MATERIAL/ MATRIX	DETERMINANT(S)/ ANALYTE(S)	METHOD REFERENCE
Chemistry (cont'd.)	Potable Water, Pool Water, Wastewater Bottled Water, Raw water, Sea water, Sweet water Ballast water Bilge water Sweet water Scrubber water Gray water Boiler water Chiller water Dialysis water Recreational water, Ice. (cont'd.)	Silica	HACH method 8186
		Chlorine Dioxide	HACH method 10126
		Formaldehyde	HACH method 8110
		Dissolved oxygen	APHA 4500 O-H
		Hexavalent ,Chromium	HACH method 8023
		Sodiumdichloroisocynurate (As cyanuric acid)	FL/SOP/CHE-046
		N-Nitrosodimethylamine	FL/SOP/CHE-047
		Total Petroleum Hydrocarbons	FL/SOP/CHE-048 based ISO 9377-2
		Biochemical Oxygen Demand (BOD)	APHA 5210 B/ ISO 5815 -1
		Chemical oxygen Demand (COD)	APHA 5220 D/Hach method 8000
		Total organic carbon (TOC)	FL/SOP/CHE-095 based on APHA 5310 B
	Food and Beverages including Dairy products, Meat and Poultry products, Grain, Feed, Confectionery, Vegetables, Fruits Nuts Fish Shellfish	pH	FL/SOP/CHE -120 based on AOAC Methods
		Fat	FL/SOP/CHE-062 based on AOAC Methods
		Carbohydrates	FL/SOP/CHE-063 based on AOAC 986.25 E
		Protein	FL/SOP/CHE-064 based on AOAC Methods
		Moisture	FL/SOP/CHE-065 based on AOAC Methods
		Ash	FL/SOP/CHE-066 based on AOAC Methods
		Energy	FL/SOP/CHE - 121 based on FAO 77
		Salt as NaCl	FL/SOP/CHE - 122 based on AOAC Methods
		Water activity (aW)	FL/SOP/CHE -123 based on ISO 18787:2017
		Sieve analysis	FL/SOP/CHE -124 based on AOAC Method
		Rancidity as POV	FL/SOP/CHE -125 based on AOAC Method
		Metals Calcium(Ca), Magnesium(Mg), Sodium(Na),	FL/SOP/CHE -126 based on AOAC Method

FIELDS OF TESTING	MATERIAL/ MATRIX	DETERMINANT(S)/ ANALYTE(S)	METHOD REFERENCE
Chemistry (cont'd.)	Food and Beverages including Dairy products, Meat and Poultry products, Grain, Feed, Confectionery, Vegetables, Fruits Nuts Fish Shellfish (cont'd.)	Potassium(K) Phosphorous(P), Silicon (Si), Arsenic (As), Cadmium (Cd) Lead (Pb), Iron (Fe), Tin(Sn), Copper(Cu), Silver(Ag), Gold (Au), Zinc (Zn), Mercury (Hg), Selenium (Se)	FL/SOP/CHE -126 based on AOAC Method (cont'd.)
		Methyl Mercury (MeHg)	FL/SOP/CHE -127 based on AOAC Method
		Arsenic (Inorganic)	FL/SOP/CHE -128 based on AOAC Method
		Water-soluble and Fat-soluble vitamins by using LC-MS/MS. Thiamine (Vit B1), Riboflavin (Vit B2), Niacin (Vit B3), Nicotinamide(Vit B3), Calcium-d-Pantothenate (Vitamin B5), Pyridoxine (Vita B6), Pyridoxamine (Vit B6), Pyridoxal (Vit B6), Biotin (Vit B7), Folic Acid (Vit B9), Cyanocobalamin (Vitamin B12), Vitamin A, Vitamin E, Vitamin D, Vitamin K	FL/SOP/CHE-057 based on AOAC Method
	Food and Beverages	**Food additives and artificial sweeteners** Benzoic Acid, Sorbic Acid Caffeine, Ascorbic Acid Citric Acid, Acesulfame K Saccharine, Aspartame Cyclamic acid	FL/SOP/CHE-058 based on AOAC Methods

FIELDS OF TESTING	MATERIAL/ MATRIX	DETERMINANT(S)/ ANALYTE(S)	METHOD REFERENCE
Chemistry (cont'd.)	Food and Beverages (cont'd.)	**Fatty Acid Composition** Saturated fat Monounsaturated fat Polyunsaturated fat Trans fat	FL/SOP/CHE-059 based on AOAC 996.01/996.06
		Fatty Acids methyl ester (FAMEs) 1. Palmitic acid methyl ester (C16:0) 2. Palmitoleic acid methyl ester (C16:1) 3. Heptadecanoic acid methyl es-ter (17:0) 4. cis-10-Heptadecenoic acid me-thyl ester (C17:1) 5. Stearic acid methyl ester (C18:0) 6. trans-9-octadecenoic methyl es-ter (C18:1n9t) 7. Oleic acid methyl ester (C18:1n9c) 8. Linolelaidic acid methyl ester (C18:2n6t) 9. Linoleic acid methyl ester (C18:2n6c) 10. Arachidic acid methyl ester (C20:0) 11. g-Linolenic acid methyl ester (C18:3n6) 12. Linolenic acid methyl ester (C18:3n3) 13. cis- 11-Eicosenoic acid, methyl ester (20:1) 14. Heneicosanoic acid methyl es-ter (C21:0) 15. cis- 11,14-Eicosadienoic acid methyl ester (C20:2) 16. Behenic acid methyl ester (C22:0) 17. cis- 8,11,14-Eicosatrienoic acid, methyl ester (C20:3n6) 18. cis- 11,14,17-Eicosatrienoic acid methyl ester (C20:3n3) 19. Erucic acid methyl ester (C22:1n9) 20. Arachidonic acid methyl ester (C20:4n6) 21. Tricosanoic acid methyl ester (C23:0)	FL/SOP/CHE-059 based on AOAC 996.01/996.06

FIELDS OF TESTING	MATERIAL/ MATRIX	DETERMINANT(S)/ ANALYTE(S)	METHOD REFERENCE
Chemistry (cont'd.)	Food and Beverages (cont'd.)	22. cis-13,16-Docasadienoic acid, methyl ester (C22:2n6) 23. cis- 5,8,11,14,17-Eicosapentae-noic acid methyl ester (C20:5n3) 24. Lignoceric acid methyl ester (C24:0) 25. Nervonic acid methyl ester (C24:1n9) 26. cis- 4,7,10,13,16,19-Do-cosahexaenoic acid methyl ester (C22:6n3) 27. Butyric acid methyl ester (C4:0) 28. Caproic acid methyl ester (C6:0) 29. Caprylic acid methyl ester (C8:0) 30. Capric acid methyl ester (C10:0) 31. Undecanoic acid methyl ester (C11:0) 32. Lauric acid methyl ester (C12:0) 33. Tridecanoic acid methyl ester (C13:0) 34. Myristic acid methyl ester (C14:0) 35. Methyl myristoleate (C14:1) 36. Pentadecanoic acid methyl es-ter (C15:0) 37. cis-10-Pentadecenoic acid me-thyl ester (C15:1)	FL/SOP/CHE-059 based on AOAC 996.01/996.06(cont'd.)
		Mycotoxins Aflatoxin-G1, G2, B1, B2, M1, Ochratoxin A & B Fumonisins B1 & B2, Patulin, Fusarium Toxins Deoxynivalenol (DON), T2 Toxin, H T2 Toxin, Zearalenone	FL/SOP/CHE-060 based on AOAC Methods
		Polycyclic Aromatic Hydrocarbon (PAHs) By GC-MS/MS Naphthalene, Acenaphthylene, Acenaphthene,	FL/SOP/CHE-061 based on AOAC 2014.08

FIELDS OF TESTING	MATERIAL/ MATRIX	DETERMINANT(S)/ ANALYTE(S)	METHOD REFERENCE
Chemistry (cont'd.)	Food and Beverages (cont'd.)	Fluorene, Phenanthrene, Anthracene, Fluoranthene, Pyrene, Benzo(c)phenanthrene, Benz(a)anthracene, Chrysene, Benzo[b]fluoranthene, Dimethylbenz[a]anthracene, 7,12-, Benzo[k]fluoranthene, Benzo[J]fluoranthene, Benzo[e]pyrene, Benzo[a]pyrene, 3-Methylchlanthrene, Indeno[1,2,3-cd]pyrene, Dibenz[a,h]anthracene, Benzo[g,h,i]perylene, Dibenz[a]pyrene, Dibenz[a,i]pyrene, Dibenz[a,h]pyrene	FL/SOP/CHE-061 based on AOAC 2014.08 (cont'd.)
		Veterinary drugs 4-epi-Chlortetracycline Hydrochloride 4-Epidemethylchlortetracycline Hydrochloride 4-Epioxytetracycline 4-Epitetracycline hydrochloride 6-Epidoxycycline Hydrochloride Chlortetracycline Hydrochloride Demeclocycline Hydrochloride Doxycycline Hyclate Oxytetracycline Hydrochloride Tetracycline Hydrochloride Sulfonamides mixture Sulfabenzamide, Sulfacetamide, Sulfachloropyridazine, Sulfadiazine, Sulfadimethoxine, Sulfadimidine Sulfadoxine, Sulfaguanidine,	FL/SOP/CHE-068 based on AOAC Methods

FIELDS OF TESTING	MATERIAL/ MATRIX	DETERMINANT(S)/ ANALYTE(S)	METHOD REFERENCE
Chemistry (cont'd.)	Food and Beverages (cont'd.)	Sulfamerazine Sulfameter, Sulfamethizole Sulfamethoxazole, Sulfamethoxypyridazine Sulfamonomethoxine, Sulfamoxol, Sulfanitran Sulfaphenazole, Sulfapyridine, Sulfaquinoxaline Sulfathiazole, Sulfisomidine Sulfisoxazole, Trimethoprim Tildipirosin, Lincomycin, Tulathromycin A, Spiramycin, Pirlymycin, Gamithromycin, Tilmicosin Erythromycin, Tylosin, Virginiamycin M1, Thiamphenicol, Florfenicol, Chloramphenicol, Marbofloxacin, Norfloxacin, Ofloxacin, Ciprofloxacin, Danofloxacin, Enrofloxacin, Orbifloxacin, Sarafloxacin, Difloxacin Oxolinic acid, Flumequine, Desacetyl Cephapirin Cephapirin, Desfuroyl ceftiofur cysteine disulfide Cefquinome, Ampicillin, Cefalexin, Cefalonium Cefacetrile, Cefazolin, Cefoperazone	FL/SOP/CHE-068 based on AOAC Methods (cont'd.)

FIELDS OF TESTING	MATERIAL/ MATRIX	DETERMINANT(S)/ ANALYTE(S)	METHOD REFERENCE
Chemistry (cont'd.)	Food and Beverages (cont'd.)	Antibiotics Ceftiofur, Penicillin G, Penicillin v, Oxacillin, Cloxacillin, Nafcillin, Dicloxacillin, Lasalocid A, Monensin, Salinomycin, Maduramicin	FL/SOP/CHE-068 based on AOAC Methods (cont'd.)
	Food and Beverages including Vegetables, Fruits Nuts Dairy products, Meat and poultry products, Grain, Feed, Confectionery	**Multi-Residue Pesticides** Acephate Carbaryl Dicrotophos Dimethoate Dimethomorph Isocarbophos Methamidophos Mevinphos Monocrotophos Omethoate Temephos (Abate) Trichlorfon (Dylox) Vamidothion (Vamidoate) Alanycarb Aldicarb Aldicarb sulfone Aldicarb sulfoxide Benfuracarb Butocarboxim Butoxycarboxim Ethiofencarb Furathiocarb Methabenzthiazuron Methiocarb Methomyl Oxamyl Tebuthiuron Thidiazuron Thiophanate-methyl Bendiocarb Bifenazate Carbofuran Chlorfluazuron Chloroxuron Chlortoluron Cycluron Diethofencarb Diflubenzuron	FL/SOP/CHE-130 based on AOAC 2007.01

FIELDS OF TESTING	MATERIAL/ MATRIX	DETERMINANT(S)/ ANALYTE(S)	METHOD REFERENCE
Chemistry (cont'd.)	Food and Beverages including Vegetables, Fruits Nuts Dairy products, Meat and poultry products, Grain, Feed, Confectionery (cont'd.)	Dioxacarb Diuron Fenobucarb (BPMC) Fenoxycarb Fenuron Flufenoxuron Fluometuron Forchlorfenuron Hexaflumuron 3-Hydroxycarbofuran Indoxacarb Iprovalicarb Isoprocarb Isoproturon Linuron Lufenuron Metobromuron Monolinuron Neburon Novaluron Pirimicarb Promecarb Propham Propoxur (Baygon) Pyraclostrobin Siduron Teflubenzuron Thiobencarb Triflumuron Abamectin Acetamiprid Ametryn Amitraz Azoxystrobin Benalaxyl Benzoximate Boscalid Butafenacil Carbetamide Carfentrazone ethyl Chlorantraniliprole Clofentezine Cymoxanil Cyprodinil Cyromazine Dimoxystrobin Dinotefuran Doramectin Eprinomectin Famoxadon Fenazaquin	FL/SOP/CHE-130 based on AOAC 2007.01 (cont'd)

FIELDS OF TESTING	MATERIAL/ MATRIX	DETERMINANT(S)/ ANALYTE(S)	METHOD REFERENCE
Chemistry (cont'd.)	Food and Beverages including Vegetables, Fruits Nuts Dairy products, Meat and poultry products, Grain, Feed, Confectionery (cont'd.)	Fenhexamid (E)-Fenpyroximate Flonicamid Fluazinam Fludioxonil Fluoxastrobin Flutolanil Furalaxyl Halofenozide Imazalil Imidacloprid Ivermectin Kresoxim methyl Mandipropamid Mepanipyrim Mepronil Metaflumizone Metalaxyl Methoxyfenozide Moxidectin Myclobutanil Nitenpyram Oxadixyl Picoxystrobin Piperonyl butoxide Prochloraz Prometon Pymetrozine Pyracarbolid Pyrimethanil Pyriproxyfen Quinoxyfen Rotenone Secbumeton Spiroxamine Tebufenozide Tebufenpyrad Terbumeton Triadimefon Trifloxystrobin Zoxamide Acibenzolar-S-methyl Bupirimate Buprofezin Carboxin Clethodim Clothianidin Cyazofamid Ethiprole Ethofumesate Fenamidone	FL/SOP/CHE-130 based on AOAC 2007.01 (cont'd)

FIELDS OF TESTING	MATERIAL/ MATRIX	DETERMINANT(S)/ ANALYTE(S)	METHOD REFERENCE
Chemistry (cont'd.)	Food and Beverages including Vegetables, Fruits Nuts Dairy products, Meat and poultry products, Grain, Feed, Confectionery (cont'd.)	Fipronil Flubendiamide Flufenacet (Fluthiamide) Hexythiazox Mefenacet Mesotrione Methoprotryne Metribuzin Prometryne Propargite Prothioconazole Pyridaben Simetryn Sulfentrazone Terbutryn Thiabendazole Thiacloprid Thiamethoxam Thiofanox Tricyclazole (Beam) Baycor (Bitertanol) Bromuconazole Cyproconazole Diclobutrazol Difenoconazole Diniconazole Epoxiconazole Etaconazole Ethirimol Etoxazole Fenarimol Fenbuconazole Fluquinconazole Flusilazole Flutriafol Fuberidazole Hexaconazole Ipconazole Metconazole Nuarimol Paclobutrazol Penconazole Propiconazole (Tilt) Tebuconazole Tetraconazole Triadimenol Triflumizole Triticonazole Emamectin-benzoate Fenpropimorph Spinetoram (J&L)	FL/SOP/CHE-130 based on AOAC 2007.01 (cont'd)

FIELDS OF TESTING	MATERIAL/ MATRIX	DETERMINANT(S)/ ANALYTE(S)	METHOD REFERENCE
Chemistry (cont'd.)	Food and Beverages including Vegetables, Fruits Nuts Dairy products, Meat and poultry products, Grain, Feed, Confectionery (cont'd.)	Spinosad (A&D) Spirodiclofen Spiromesifen Spirotetramat Hydramethylnon Aminocarb Desmedipham Formetanate HCL Mexacarbate (Zectran) Monceren (Pencycuron) Phenmedipham Propamocarb free base Carbendazim Azinphos ethyl Azinphos methyl Chlorpyrifos Chlorpyrifos methyl Diazinon EPN Fenitrothion Isazophos Phosalone Phosmet Pirimiphos ethyl Pirimiphos methyl Pyraclofos Pyrazophos Pyridaphenthion Quinalphos Aldrin α-BHC β-BHC γ-BHC (Lindane) δ-BHC Chlorbenside cis-Chlordane trans-Chlordane Chlorfenson (Ovex) Chloroneb 2,4'-DDD 4,4'-DDD 2,4'-DDE 4,4'-DDE 2,4'-DDT 4,4'-DDT 4,4'-Dichlorobenzophenone Dieldrin Endosulfan I Endosulfan II Endosulfan ether Endosulfan sulfate	FL/SOP/CHE-130 based on AOAC 2007.01 (cont'd)

FIELDS OF TESTING	MATERIAL/ MATRIX	DETERMINANT(S)/ ANALYTE(S)	METHOD REFERENCE
Chemistry (cont'd.)	Food and Beverages including Vegetables, Fruits Nuts Dairy products, Meat and poultry products, Grain, Feed, Confectionery (cont'd.)	Endrin Endrin aldehyde Endrin ketone Ethylan (Perthane) Fenson Heptachlor Heptachlor epoxide (isomer B) Hexachlorobenzene Isodrin 2,4'-Methoxychlor 4,4'-Methoxychlor olefin Mirex cis-Nonachlor trans-Nonachlor Pentachloroanisole Pentachlorobenzene Pentachlorothioanisole Tetradifon Benfluralin Biphenyl Chlorothalonil Dichlofluanid Dichloran 3,4-Dichloroaniline 2,6-Dichlorobenzonitrile (Dichlobenil) Diphenylamine Ethalfluralin Fluchloralin Isopropalin Nitralin Nitrofen Oxyfluorfen Pendimethalin Pentachloroaniline Pentachlorobenzonitrile Pentachloronitrobenzene (Quintozene) Prodiamine Profluralin 2,3,5,6-Tetrachloroaniline Tetrachloronitrobenzene (Tecnazene) THPI (Tetrahydrophthalimide) Tolylfluanid Trifluralin Acetochlor Alachlor Allidochlor	FL/SOP/CHE-130 based on AOAC 2007.01 (cont'd)

FIELDS OF TESTING	MATERIAL/ MATRIX	DETERMINANT(S)/ ANALYTE(S)	METHOD REFERENCE
Chemistry (cont'd.)	Food and Beverages including Vegetables, Fruits Nuts Dairy products, Meat and poultry products, Grain, Feed, Confectionery (cont'd.)	Clomazone (Command) Cycloate Diallate (cis & trans) Dimethachlor Diphenamid Fenpropathrin Fluquinconazole Flutolanil Linuron Metazachlor Methoxychlor Metolachlor N-(2,4-Dimethylphenyl)formamide Norflurazon Oxadiazon Pebulate Pretilachlor Prochloraz Propachlor Propanil Propisochlor Propyzamide Pyridaben Tebufenpyrad Triallate Atrazine Bupirimate Captafol Captan Chlorfenapyr Cyprodinil Etofenprox Etridiazole Fenarimol Fipronil Fludioxonil Fluridone (Sonar) Flusilazole Flutriafol Folpet Hexazinone (Velpar) Iprodione Lenacil MGK-264 Myclobutanil Paclobutrazol Penconazole Procymidone Propargite Pyrimethanil	FL/SOP/CHE-130 based on AOAC 2007.01 (cont'd)

FIELDS OF TESTING	MATERIAL/ MATRIX	DETERMINANT(S)/ ANALYTE(S)	METHOD REFERENCE
Chemistry (cont'd.)	Food and Beverages including Vegetables, Fruits Nuts Dairy products, Meat and poultry products, Grain, Feed, Confectionery (cont'd.)	Pyriproxyfen Tebuconazole Terbacil Terbuthylazine Triadimefon Triadimenol Tricyclazole (Beam) Triflumizole Vinclozolin Acrinathrin Anthraquinone Bifenthrin Bioallethrin Cyfluthrin lambda-Cyhalothrin Cypermethrin Deltamethrin Fenvalerate Flucythrinate tau-Fluvalinate cis-Permethrin trans-Permethrin Phenothrin (cis & trans) Resmethrin Tefluthrin Tetramethrin Transfluthrin Acequinocyl Bromopropylate Carfentrazone ethyl Chlorobenzilate Chlorpropham Chlozolinate DCPA methyl ester (Chlorthal-dimethyl) Fluazifop-p-butyl Metalaxyl 2-Phenylphenol Bromfenvinfos-methyl Bromfenvinphos Bromophos ethyl Bromophos methyl Carbophenothion Chlorfenvinphos Chlorthiophos Coumaphos Edifenphos Ethion Fenamiphos Fenchlorphos (Ronnel) Fenthion	FL/SOP/CHE-130 based on AOAC 2007.01 (cont'd)

FIELDS OF TESTING	MATERIAL/ MATRIX	DETERMINANT(S)/ ANALYTE(S)	METHOD REFERENCE
Chemistry (cont'd.)	Food and Beverages including Vegetables, Fruits Nuts Dairy products, Meat and poultry products, Grain, Feed, Confectionery (cont'd.)	Iodofenphos Leptophos Malathion Methacrifos Profenofos Prothiofos Sulfotepp Sulprofos Terbufos Tetrachlorvinphos Tolclofos-methyl Disulfoton Fonofos Methyl parathion Mevinphos Parathion (ethyl parathion) Phorate Piperonyl butoxide Triazophos	FL/SOP/CHE-130 based on AOAC 2007.01 (cont'd)
		Crude fiber	FL/SOP/CHE-146 based on AOAC 962.09
		Total dietary fiber	FL/SOP/CHE-070 based on AOAC 985.29
		Cholesterol	FL/SOP/CHE-072 based on AOAC 994.10
		Alcohol Content	FL/SOP/CHE- 142 based on AOAC 2016.12
		Total Sugar, Natural Sugar, Added Sugar as Sucrose 2. Fructose 3. Glucose 4. Sucrose 5. Maltose 6. Lactose 7. Total Sugar	FL/SOP/CHE-131 based on AOAC 980.13

FIELDS OF TESTING	MATERIAL/ MATRIX	DETERMINANT(S)/ ANALYTE(S)	METHOD REFERENCE
Chemistry (cont'd.)	Shellfish	Toxins Domoic acid Saxitoxin Okadaic Acid Yessotoxin Azaspiracid Brevetoxin	FL/SOP/CHE- 141 based on AOAC Methods
	Honey	Diastase Activity	FL/SOP/CHE-049 based on IHC Method 6
		Hydroxymethylfurfural (HMF)	FL/SOP/CHE-050 based on IHC Method 5
		Free Acidity	FL/SOP/CHE-051 based on IHC Method 4
		Electrical Conductivity	FL/SOP/CHE-052 based on IHC Method 2
		pH	FL/SOP/CHE-053 based on IHC Method 4
		Moisture	FL/SOP/CHE-054 based on IHC Method 1
		Total Ash	FL/SOP/CHE-055 based on IHC Method 3
		Tutin	FL/SOP/CHE-056
	Oils and Fat	Free Fatty Acid	FL/SOP/CHE-145 based on AOAC 940.28
		Acid Value	FL/SOP/CHE-145 based on AOAC 940.28
		Determination of Peroxide Value	FL/SOP/CHE-073 based on AOAC 965.33
		Iodine Value	FL/SOP/CHE-074 based on AOAC 993.2
	Cosmetics & Personal care products	pH	FL/SOP/CHE-143 based on GSO Methods
		Hydrogen Peroxide Content	FL/SOP/CHE-075 based on GSO Methods
		Moisture & Volatile Matter, Non-Volatile Matter Total Solids	FL/SOP/CHE-076based on GSO Methods
		Visual Tests and Sensory Evaluation	FL/SOP/CHE-077 based on GSO Methods
		Alcohol Content	FL/SOP/CHE-078
		1,4-Dioxane	FL/SOP/CHE-079
		Surface Active Agent (Total Active Ingredients/Active ion	FL/SOP/CHE-080 based on ISO Methods

FIELDS OF TESTING	MATERIAL/ MATRIX	DETERMINANT(S)/ ANALYTE(S)	METHOD REFERENCE
Chemistry (cont'd.)	Cosmetics & Personal care products (cont'd.)	ingredient) Anionic-Non-Ionic- Cationic Surfactant	
		Parabens • Paraben (4-Hydroxy Benzoic Acid)(PHBA) • Methyl Paraben • Ethyl Paraben • Isopropyl Paraben • Propyl Paraben • Isobutyl Paraben • Butyl Paraben • Benzyl Paraben • Heptyl Paraben	FL/SOP/CHE-081
		Allergens Amyl cinnamyl alcohol, Amyl cinnamal, Anisyl alcohol, Benzyl Benzoate, Benzyl alcohol, Benzyl cinnamate, Benzyl salicylate, Cetone alpha (Alpha-Isomethyl ionone), Cinnamaldehyde (Cinnamal), Cinnamyl alcohol, b-Citronellol, Coumarin, Citral, D-Limonene, Eugenol, Farnesol, Geraniol, Hexylcinnamaldehyde, Hydroxycitronellal, Isoeugenol, Lilial, Linalool, Lyral	FL/SOP/CHE-082 based on EN 16274
		Heavy Metals Lead Arsenic Cadmium Mercury Antimony	FL/SOP/CHE-083 based on ISO Method 21392
	Marine sediment Soil Sludge Solid Waste	pH	FL/SOP/CHE-084 based on ISO Method
		Moisture content	FL/SOP/CHE-140 based on ISO Method

FIELDS OF TESTING	MATERIAL/ MATRIX	DETERMINANT(S)/ ANALYTE(S)	METHOD REFERENCE
Chemistry (cont'd.)		**Metals** (Total concentration & leachable fractions) Aluminum (Al), Antimony (Sb), Arsenic (As), Barium (Ba), Beryllium (Be), Boron (B), Cadmium (Cd), Calcium (Ca), Chromium (Cr), Cobalt (Co), Copper (Cu), Iron (Fe), Lead (Pb), Magnesium (Mg), Manganese (Mn), Mercury (Hg), Molybdenum (Mo), Nickel (Ni), Phosphorous (P), Potassium (K), Selenium (Se), Silicon (Si), Silver (Ag), Sodium (Na), Sulphur (S), Thallium (Tl), Titanium (Ti), Vanadium (V), Zinc (Zn), Potassium (K), Tin (Sn), Silicon (Si), Silver (Ag), Sodium (Na), Sulphur (S), Thallium (Tl), Titanium (Ti), Vanadium (V), Zinc (Zn)	FL/SOP/CHE-085
		Solids (Total, fixed and volatile)	FL/SOP/CHE-086 based on ISO Method
		Total Nitrogen	FL/SOP/CHE-087 based on ISO Method
		Cations Calcium Ca, Magnesium Mg, Potassium K,	FL/SOP/CHE-088 based on ISO Method

FIELDS OF TESTING	MATERIAL/ MATRIX	DETERMINANT(S)/ ANALYTE(S)	METHOD REFERENCE
Chemistry (cont'd.)	Marine sediment Soil Sludge Solid Waste (cont'd.)	Sodium, Na, Sulphate, SO4	
		Sodium Absorption Ratio (SAR)	FL/SOP/CHE-089 based on ISO Method
		Electrical Conductivity (EC)	FL/SOP/CHE-090 based on ISO Method
		Chloride content	FL/SOP/CHE-092 based on ISO Method
		Total Petroleum Hydrocarbons (TPH)	FL/SOP/CHE-135 based on ISO Method
			FL/SOP/CHE-135 based on ISO Method
			FL/SOP/CHE-135 based on ISO Method
		BTEX	FL/SOP/CHE-096 based on ISO Method
		Chlorinated Hydrocarbons	FL/SOP/CHE-097 based on ISO Method
		Oil & Grease	FL/SOP/CHE-099 based on EPA Method
		Total Organic Carbon	FL/SOP/CHE-100 based on EN Method
		Poly Chlorinated Biphenyls (PCBs)	FL/SOP/CHE-101 based on ISO Method
		Pesticides	FL/SOP/CHE-102 based on ISO Method
		Polyaromatic hydrocarbon (PAH)	FL/SOP/CHE-103 based on ISO Method
		Semi-volatile organic compounds (SVOC)	FL/SOP/CHE-104 based on ISO Method
		Particle size (Granulometry)	FL/SOP/CHE-105 based on ISO Method
		Volatile organic compounds (VOC)	FL/SOP/CHE-106 based on ISO Method

FIELDS OF TESTING	MATERIAL/ MATRIX	DETERMINANT(S)/ ANALYTE(S)	METHOD REFERENCE
Chemistry (cont'd.)	Fertilizers	Carbon	FL/SOP/CHE-107 based on AOAC Method
		Sulphur	FL/SOP/CHE-107 based on AOAC Method
		Nitrogen	FL/SOP/CHE-107 based on AOAC Method
		Hydrogen	FL/SOP/CHE-107 based on AOAC Method
		pH	FL/SOP/CHE-111 based on ISO Method
		Electrical Conductivity	FL/SOP/CHE-112 based on ISO Method
		Organic matter	FL/SOP/CHE-113 based on AOAC Method
		Total Organic Carbon (TOC)	FL/SOP/CHE-114 based on AOAC Method
		Chloride content	FL/SOP/CHE-115 based on AOAC Method
		Humidity	FL/SOP/CHE-116 based on AOAC Method
	Water,Food	**PFAS /PFOS** Perfluoro-n-butanoic acid, Perfluoro-n-pentanoic acid, Perfluoro-n-hexanoic acid, Perfluoro-n-heptanoic acid, Perfluoro-n-octanoic acid, Perfluoro-n-nonanoic acid Perfluoro-n-decanoic acid, Perfluoro-n-undecanoic acid, Perfluoro-n-dodecanoic acid, Perfluoro-n-tridecanoic acid, Perfluoro-n-tetradecanoic acid, Perfluorobutane-1-sulfonic acid, Perfluoropentanesulfonic acid, Perfluorooctane-1-sulfonic acid, Perfluorononanesulfonic acid, Perfluorodecane-1-sulfonic acid, Perfluoroundecanesulfonic acid, Perfluorododecanesulfonic acid,	FL/SOP/CHE-117

FIELDS OF TESTING	MATERIAL/ MATRIX	DETERMINANT(S)/ ANALYTE(S)	METHOD REFERENCE
Chemistry (cont'd.)		Perfluorotridecanesulfonic acid, Perfluorooctane sulfonamide, 9-Chlorohexadecafluoro-3-oxanone-1-sulfonic acid, 11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid, Perfluoro(2-methyl-3-oxahexanoic) acid, 4,8-Dioxa-3H-perfluorononanoic acid, 1H,1H,2H,2H-Perfluorohexanesulfonic acid, 1H,1H,2H,2H-Perfluorooctane sulfonic acid	FL/SOP/CHE-117 (cont'd.)
	Packing Material	Thickness	FL/SOP/CHE-150 based on ISO Method
	Food Packing Material	Overall migration	FL/SOP/CHE-118 based on EN Method
		Specific migration - Metals	FL/SOP/CHE-119 based on EN Method
Sample Collection	Food, Water, Feed, Cosmetics, Environmental Samples	Sample Collection	FL-SOP-GEN-025
	Food, Feed, Environmental swabs, Cosmetics, Air samples	Microbiology Sample Collection	FL-SOP-MIC-005
	Water	Microbiology Sample Collection	FL-SOP-MIC-004
	Water	Legionella Sample Collection	FL/SOP/MIC-006