

Category of testing	New Category	Test Items New	Method
Air test	Microbiology	Legionella spp.	IHM ISO
Air test	Microbiology	Yeast and Mold	AOAC
Air test, Swab Test	Microbiology	Yeast and Mold	IHM BAM
Air test, Swab Test	Microbiology	Yeast and Mold	Rapid test
Antibiotic Residue	Antibiotic Residue	Albendazole	LC-MS/MS
Antibiotic Residue	Antibiotic Residue	Amoxicillin	LC-MS/MS
Antibiotic Residue	Antibiotic Residue	ASP (Amnesic Shellfish Poisoning)	LC-MS/MS
Antibiotic Residue	Antibiotic Residue	AZA (Azaspiracid-1)	LC-MS/MS
Antibiotic Residue	Antibiotic Residue	Beta agonists	ELISA
Antibiotic Residue	Antibiotic Residue	Beta agonists (3 items)	LC-MS/MS
Antibiotic Residue	Antibiotic Residue	Carbadox	LC-MS/MS
Antibiotic Residue	Antibiotic Residue	Carbadox Metabolite	LC-MS/MS
Antibiotic Residue	Antibiotic Residue	Casine	ELISA
Antibiotic Residue	Antibiotic Residue	Chlopromazine	LC-MS/MS
Antibiotic Residue	Antibiotic Residue	Chloramphenicol	ELISA
Antibiotic Residue	Antibiotic Residue	Chloramphenicol	LC-MS/MS
Antibiotic Residue	Antibiotic Residue	Chloramphenicol	ELISA
Antibiotic Residue	Antibiotic Residue	Chloramphenicol	ELISA
Antibiotic Residue	Antibiotic Residue	Chlortetracycline	HPLC
Antibiotic Residue	Antibiotic Residue	Chlortetracycline	HPLC
Antibiotic Residue	Antibiotic Residue	Chlortetracycline	LC-MS/MS
Antibiotic Residue	Antibiotic Residue	Colistin	LC-MS/MS
Antibiotic Residue	Antibiotic Residue	Crystal violet	LC-MS/MS
Antibiotic Residue	Antibiotic Residue	Cyromazine	LC-MS/MS
Antibiotic Residue	Antibiotic Residue	Diethyl Stilbestrol	LC-MS/MS
Antibiotic Residue	Antibiotic Residue	Dihydro-Streptomycin	LC-MS/MS
Antibiotic Residue	Antibiotic Residue	Doxycycline	HPLC
Antibiotic Residue	Antibiotic Residue	Doxycycline	HPLC
Antibiotic Residue	Antibiotic Residue	DSP (Diarrhetic Shellfish Poisoning)	LC-MS/MS
Antibiotic Residue	Antibiotic Residue	Egg white Allergen	ELISA
Antibiotic Residue	Antibiotic Residue	Erythromycin	LC-MS/MS
Antibiotic Residue	Antibiotic Residue	Ethoxyquin	HPLC
Antibiotic Residue	Antibiotic Residue	Ethoxyquin	LC-MS/MS
Antibiotic Residue	Antibiotic Residue	Florfenicol	LC-MS/MS
Antibiotic Residue	Antibiotic Residue	Flubendazole	LC-MS/MS
Antibiotic Residue	Antibiotic Residue	Food Allergen	ELISA
Antibiotic Residue	Antibiotic Residue	Fuoroquinolone 8 items	LC-MS/MS
Antibiotic Residue	Antibiotic Residue	Gentamycin	LC-MS/MS
Antibiotic Residue	Antibiotic Residue	Gluten Allergen	ELISA
Antibiotic Residue	Antibiotic Residue	Lasalocid acid	LC-MS/MS
Antibiotic Residue	Antibiotic Residue	Leuco Crystal violet	LC-MS/MS
Antibiotic Residue	Antibiotic Residue	Leucomalachite Green	LC-MS/MS
Antibiotic Residue	Antibiotic Residue	Malachite Green	LC-MS/MS
Antibiotic Residue	Antibiotic Residue	Neomycin	LC-MS/MS
Antibiotic Residue	Antibiotic Residue	Nicarbazin	LC-MS/MS
Antibiotic Residue	Antibiotic Residue	Nitrofurans (metabolites)	LC/MS/MS
Antibiotic Residue	Antibiotic Residue	Nitrofurans (metabolites)	LC-MS/MS
Antibiotic Residue	Antibiotic Residue	Nitrofurans (parent drug)	LC-MS
Antibiotic Residue	Antibiotic Residue	Nitroimidazole	LC/MS/MS
Antibiotic Residue	Antibiotic Residue	Otacillin	LC-MS/MS
Antibiotic Residue	Antibiotic Residue	Oxolinic acid	HPLC
Antibiotic Residue	Antibiotic Residue	Oxolinic acid	HPLC
Antibiotic Residue	Antibiotic Residue	Oxytetracycline	HPLC

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Antibiotic Residue	Antibiotic Residue	Package: Beta agonists (4-6 items)	LC-MS/MS
Antibiotic Residue	Antibiotic Residue	Package: Biotoxin Group (5 items)	LC-MS/MS
Antibiotic Residue	Antibiotic Residue	Package: Biotoxin Group (ASP, DSP, PSP)	LC-MS/MS
Antibiotic Residue	Antibiotic Residue	Package: Cephalosporin Group-4	LC-MS
Antibiotic Residue	Antibiotic Residue	Package: Cephalosporin Group-6	LC-MS
Antibiotic Residue	Antibiotic Residue	Package: Chlortetracycline,	HPLC
Antibiotic Residue	Antibiotic Residue	Package: Fluoroquinolone group	LC-MS/MS
Antibiotic Residue	Antibiotic Residue	Package: Malachite Green, Leuco-malachite Green	LC-MS/MS
Antibiotic Residue	Antibiotic Residue	Package: Quinolone Group	LC-MS/MS
Antibiotic Residue	Antibiotic Residue	Package: Sulfonamides Group (12 items)	LC-MS
Antibiotic Residue	Antibiotic Residue	Package: Sulfonamides Group (4 items)	LC-MS
Antibiotic Residue	Antibiotic Residue	Package: Sulfonamides Group (8 items)	LC-MS
Antibiotic Residue	Antibiotic Residue	Package: Tetracycline Group	LC-MS/MS
Antibiotic Residue	Antibiotic Residue	Package: Tetracycline, Chlortetra, Oxytetra	HPLC
Antibiotic Residue	Antibiotic Residue	Package: ยาคอน/ยาสี่ตัว	
Antibiotic Residue	Antibiotic Residue	Penicillin G or V	LC/MS/MS
Antibiotic Residue	Antibiotic Residue	Quinolone	LC-MS/MS
Antibiotic Residue	Antibiotic Residue	Salinomycin	LC-MS/MS
Antibiotic Residue	Antibiotic Residue	Spectinomycin	LC-MS/MS
Antibiotic Residue	Antibiotic Residue	Spiramycin	LC-MS/MS
Antibiotic Residue	Antibiotic Residue	Streptomycin	LC-MS/MS
Antibiotic Residue	Antibiotic Residue	Sulfamethazine (Sulfadimidine)	ELISA
Antibiotic Residue	Antibiotic Residue	Sulfamethazine (Sulfadimidine)	LC-MS
Antibiotic Residue	Antibiotic Residue	Sulfamethazine in serum	LC-MS
Antibiotic Residue	Antibiotic Residue	Sulfanamides (CS= serum/BKK=meat)	ELISA
Antibiotic Residue	Antibiotic Residue	Tetracycline	HPLC
Antibiotic Residue	Antibiotic Residue	Tetracycline	LC-MS/MS
Antibiotic Residue	Antibiotic Residue	Thiabendazole	LC-MS/MS
Antibiotic Residue	Antibiotic Residue	Thiamphenicol	LC-MS/MS
Antibiotic Residue	Antibiotic Residue	Tylosin	LC-MS/MS
Antibiotic Residue	Antibiotic Residue	YTX (Yessotoxin)	LC-MS/MS
Beverage	Microbiology	Faecal Coliforms (ND)	AWWA
Beverage	Microbiology	Staphylococcus aureus	Compendium
Beverage	Microbiology	Staphylococcus aureus	IHM ISO
Beverage, Water, Ice	Microbiology	Coliform Bacteria (MPN)	AWWA,IHM AWWA
Beverage, Water, Ice	Microbiology	Escherichia coli (MPN)	AWWA,IHM AWWA
Beverage, Water, Ice	Microbiology	Faecal Coliforms (MPN)	AWWA
Beverage, Water, Ice	Microbiology	Escherichia coli (ND)	APHA AWWA
Beverage, Water, Ice	Microbiology	Escherichia coli (ND)	BAM
Beverage, Water, Ice	Microbiology	Staphylococcus aureus	AWWA
Beverage, Water, Ice	Microbiology	Escherichia coli (ND)	AOAC ORG
Bird nest		Nitrite	AOAC
Canned Food	Microbiology	Flat Sour Mesophile	BAM
Canned Food	Microbiology	Flat Sour Mesophile	TIS 335

Category of testing	New Category	Test Items New	Method
Canned Food	Microbiology	Flat Sour Thermophile	TIS 335
Canned Food	Microbiology	Flat Sour Thermophile	BAM
Canned Food	Microbiology	Flat Sour Thermophile Step 1	BAM
Canned Food	Microbiology	Incubation test (14 days)	BAM
Canned Food	Microbiology	Putrefactive Anaerobes	BAM
Canned Food	Microbiology	Putrefactive Anaerobes	TIS 335
Canned Food	Microbiology	Putrefactive Anaerobes	BAM
Canned Food	Microbiology	Streptococcus spp.	IHM APHA
Canned Food	Microbiology	Sulfide spoilage	APHA
Canned Food	Microbiology	Sulfide spoilage	BAM
Canned Food	Microbiology	Sulfide spoilage	TIS 335
Cosmetic	Microbiology	Aerobic Plate Count (CFU)	USP
Cosmetic	Microbiology	Clostridium perfringens	USP
Cosmetic	Microbiology	Clostridium spp.	USP
Cosmetic	Microbiology	Pseudomonas aeruginosa	USP
Cosmetic	Microbiology	Pseudomonas fluorescens	TIS
Cosmetic	Microbiology	Pseudomonas fluorescens	USP
Cosmetic	Microbiology	Staphylococcus aureus	USP
Cosmetic	Microbiology	Yeast and Mold	USP
Curry paste	Pesticide Residue	Package: IX Pesticides 4 groups	
DLD	Food Composition	Melamine and ITS ANALOGS	GC-MS
Dried Fruit	Pesticide Residue	Package: II Pesticides 4 groups	
Fertilizer	Fertilizer	2,4-D	LC-MS/MS
Fertilizer	Fertilizer	2,4-D	GC
Fertilizer	Fertilizer	Ametryn	GC
Fertilizer	Fertilizer	Ametryn	LC-MS/MS
Fertilizer	Fertilizer	Ammonium Nitrogen	APSRDO, DOA 2/2551
Fertilizer	Fertilizer	Arsenic (As)	ICP-OES
Fertilizer	Fertilizer	Atrazine	GC
Fertilizer	Fertilizer	Atrazine	LC-MS/MS
Fertilizer	Fertilizer	Available P2O5	
Fertilizer	Heavy Metal & Mineral	Barium (Ba)	ICP-MS/OES
Fertilizer	Fertilizer	Biuret	APSRDO, DOA 2/2551
Fertilizer	Fertilizer	Boron (B)	ICP
Fertilizer	Fertilizer	Bromacil	GC
Fertilizer	Fertilizer	Bromacil	LC-MS/MS
Fertilizer	Fertilizer	C/N ratio	APSRDO, DOA 4/2551
Fertilizer	Fertilizer	Cadmium (Cd)	ICP-OES
Fertilizer	Fertilizer	Cadmium (Cd) and compounds	ICP
Fertilizer	Fertilizer	Calcium (Ca)	ICP-OES
Fertilizer	Fertilizer	Calcium Carbonate Equivalent (CCE)	Titrimetric Method
Fertilizer	Fertilizer	Calcium oxide (CaO)	ICP-OES
Fertilizer	Fertilizer	Cation Exchange Capacity (CEC)	Ammonium
Fertilizer	Fertilizer	Cation Exchange Capacity (CEC)	Titrimetric Method
Fertilizer	Fertilizer	Chloride (Cl)	Titrimetric Method
Fertilizer	Fertilizer	Chromium (Cr)	ICP-OES
Fertilizer	Fertilizer	Citrate insoluble P2O5	
Fertilizer	Fertilizer	Cobalt (Co)	ICP
Fertilizer	Fertilizer	Copper (Cu)	ICP-OES
Fertilizer	Fertilizer	Cyanide and compounds	TIS, In-house method
Fertilizer	Fertilizer	Diuron	GC
Fertilizer	Fertilizer	Diuron	LC-MS/MS
Fertilizer	Fertilizer	Electrical conductivity	APSRDO, DOA 4/2551
Fertilizer	Fertilizer	Electrical conductivity	Electro Chemical
Fertilizer	Fertilizer	Germination Index	APSRDO, DOA 4/2551

Category of testing	New Category	Test Items New	Method
Fertilizer	Fertilizer	K ₂ O	ICP-OES
Fertilizer	Fertilizer	Lead (Pb)	ICP-OES
Fertilizer	Fertilizer	Magnesium (Mg)	ICP-OES
Fertilizer	Fertilizer	Magnesium oxide (MgO)	ICP-OES
Fertilizer	Fertilizer	Manganese (Mn)	ICP
Fertilizer	Fertilizer	Mercury (Hg)	ICP
Fertilizer	Fertilizer	Moisture content	APSRDO, DOA 4/2551
Fertilizer	Fertilizer	Molybdenum (Mo)	ICP
Fertilizer	Fertilizer	Nickel (Ni)	ICP
Fertilizer	Fertilizer	Nitrate (Nitrogen)	APSRDO, DOA 2/2551
Fertilizer	Fertilizer	Nitrogen (Total N)	Combustion Carbon /
Fertilizer	Fertilizer	Nitrogen (Total N)	Titrate
Fertilizer	Fertilizer	Organic Matter	APSRDO, DOA 4/2551
Fertilizer	Fertilizer	Organic Matter	Method of Soil
Fertilizer	Fertilizer	Package: สารเป็นพิษต่างๆ (As, Cd, Cr+, Cu, Pb และ Hg)	ICP-OES
Fertilizer	Fertilizer	Paraquat	UV-VIS spectro
Fertilizer	Fertilizer	pH	APSRDO, DOA 2/2551
Fertilizer	Fertilizer	Phosphorus (Total P ₂ O ₅)	INH TE-CH-180
Fertilizer	Fertilizer	Phosphorus pentoxide (P ₂ O ₅)	ICP-OES
Fertilizer	Fertilizer	Potassium (Available K ₂ O)	ICP-OES
Fertilizer	Fertilizer	Potassium (Total K ₂ O)	ICP-OES
Fertilizer	Fertilizer	Potassium (Total K ₂ O)	ICP-OES
Fertilizer	Fertilizer	Potassium (Water soluble K ₂ O)	ICP-OES
Fertilizer	Fertilizer	Selenium (Se)	ICP
Fertilizer	Fertilizer	Sieving size	APSRDO, DOA 4/2551
Fertilizer	Fertilizer	silicon (Si)	ICP-OES
Fertilizer	Fertilizer	Silver (Ag)	ICP
Fertilizer	Fertilizer	Sodium (Na)	ICP-OES
Fertilizer	Fertilizer	Sulfur (S)	Spectrophotometer
Fertilizer	Fertilizer	Total Nitrogen	APSRDO, DOA 2/2550
Fertilizer	Fertilizer	Total Nitrogen	Carbon / Nitrogen analyzer
Fertilizer	Fertilizer	Total Phosphorus (Total P ₂ O ₅)	Spectrophotometer
Fertilizer	Fertilizer	Urea Nitrogen	APSRDO, DOA 2/2551
Fertilizer	Fertilizer	Water Content	APSRDO, DOA 2/2551
Fertilizer	Fertilizer	Water soluble P ₂ O ₅	
Fertilizer	Fertilizer	Zinc (Zn)	ICP
Fertilizer	Fertilizer	ธาตุอาหารรองอื่นๆ : Fe, Zn, Mn, Cu, B, Mo, Cl, Na และ Co	ICP-OES
Fertilizer	Fertilizer	ปริมาณความชื้นและสิ่งทีระเหยได้	APSRDO, DOA 4/2551
Fertilizer	Fertilizer	ปริมาณธาตุอาหารรอง	
Fertilizer	Fertilizer	ปริมาณธาตุอาหารหลัก	
Fertilizer	Fertilizer	ปริมาณหิน และกรวด	APSRDO, DOA 4/2551
Fertilizer	Fertilizer	ปริมาณหิน กรวด	APSRDO, DOA 4/2551
Fertilizer	Fertilizer	พลาสติก แก้ว วัสดุเคมี และโลหะอื่นๆ	APSRDO, DOA 4/2551
Food	Food Composition	Acid Value	AOCS
Food	Microbiology	Anaerobic plate count	IHM BAM
Food	Microbiology	Aspergillus flavus	IHM BAM
Food	Microbiology	Aspergillus spp.	IHM BAM
Food	Microbiology	Bacillus subtilis	IHM BAM
Food	Microbiology	Bacteria Growth at 30 °C	IHM BAM

Category of testing	New Category	Test Items New	Method
Food	Microbiology	Bacteria Growth at 37 °C	IHM BAM
Food	Microbiology	Bacteria Growth at 55 °C	IHM BAM
Food	Toxin & Toxic Substance	Benzo (a) pyrene	HPLC
Food	Microbiology	beta-glucuronidase positive E. coli	ISO
Food	Microbiology	Butyric anaerobe	BAM
Food	Microbiology	Campylobacter spp.	ISO
Food	Microbiology	Campylobacter spp.	BAM
Food	Microbiology	Campylobacter spp.	ELISA
Food	Microbiology	Campylobacter spp.	ISO
Food	Microbiology	Candida albicans	USP
Food	Microbiology	Clostridium botulinum (in 1g, 2g)	BAM,IHM BAM
Food	Microbiology	Clostridium botulinum (ND)	BAM,IHM BAM
Food	Microbiology	Clostridium perfringens (CFU)	BAM
Food	Microbiology	Clostridium perfringens	BAM,IHM BAM
Food	Microbiology	Clostridium spp. (CFU)	ISO
Food	Microbiology	Clostridium spp. (ND)	IHM BAM
Food	Microbiology	Coliform Bacteria (CFU)	AOAC
Food	Microbiology	Coliform Bacteria (MPN)	BAM
Food	Microbiology	Coliform Bacteria Count	APHA
Food	Microbiology	Coliform Bacteria Count	Compact Dry
Food	Microbiology	Coliform Bacteria Count (CFU)	AOAC (Petrifilm)
Food	Microbiology	DNA	SSLP
Food	Microbiology	Enterobacteriaceae	BAM
Food	Microbiology	Enterobacteriaceae (CFU)	APHA (Petrifilm)
Food	Microbiology	Enterococci (CFU)	IHM APHA
Food	Microbiology	Enterococci (CFU)	APHA
Food	Microbiology	Enterococci (CFU)	AWWA
Food	Microbiology	Escherichia coli Count (CFU)	AOAC
Food	Microbiology	Escherichia coli O157:H7	AOAC RI (Rapid Check)
Food	Microbiology	Faecal Coliforms (MPN)	BAM, IHM BAM
Food	Microbiology	Faecal Streptococcus	IHM AOAC
Food	Microbiology	Faecal Streptococcus (CFU)	APHA
Food	Microbiology	Faecal Streptococcus (ND)	IHM APHA
Food	Food Composition	Free Fatty Acid	AOCS
Food	Food Composition	Free Fatty Acid / Oxide Value	AOCS
Food	Microbiology	Fusarium spp.	IHM BAM
Food	Microbiology	Genetically Modified Organisms (GMOs)	Real Time PCR
Food	Microbiology	Heat Resistance Bacteria	APHA
Food	Microbiology	Heat Resistance Mold	Compendium
Food	Heavy Metal & Mineral	Iodine (I)	AOAC
Food	Microbiology	Lactobacillus bulgaricus	APHA
Food	Microbiology	Lactobacillus spp.	APHA
Food	Microbiology	Listeria monocytogenes	AOAC (ELISA)
Food	Microbiology	Listeria monocytogenes	ISO (Per 25 g)
Food	Microbiology	Listeria monocytogenes	ISO (Per 125 g)
Food	Microbiology	Listeria monocytogenes	MDA
Food	Microbiology	Listeria monocytogenes	ISO
Food	Microbiology	Listeria monocytogenes (125g)	ISO
Food	Microbiology	Listeria monocytogenes (25g)	ISO
Food	Microbiology	Listeria spp.	AOAC (ELISA)
Food	Microbiology	Listeria spp.	ISO (Per 125 g)
Food	Microbiology	Listeria spp.	ISO
Food	Microbiology	Listeria spp. (125g)	ISO
Food	Microbiology	Listeria spp.(25g)	ISO (Per 25 g)
Food	Microbiology	Listeria spp.(25g)	ISO

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Food	Microbiology	Mesophilic Aerobic Sporeformer	APHA
Food	Microbiology	Mesophilic Anaerobic Sporeformer	APHA
Food	Microbiology	Mesophilic Flat sour Sporeformer	APHA
Food	Microbiology	Mesophilic Lactic acid Bacteria	ISO
Food	Microbiology	Parasite	APHA
Food	Microbiology	Penicillium spp.	(blank)
Food	Food Composition	Polar compound	AOAC
Food	Microbiology	Pseudomonas aeruginosa	IHMISO
Food	Microbiology	Pseudomonas spp.	ISO
Food	Microbiology	Saccharomyces cerevisiae	BAM
Food	Microbiology	Salmonella spp.	AFNOR
Food	Microbiology	Salmonella spp.	IHM AFNOR
Food	Microbiology	Salmonella spp.	IHM Molecular
Food	Microbiology	Salmonella spp.	Molecular Detection
Food	Microbiology	Staphylococcal Enterotoxins	Transia Plate
Food	Microbiology	Staphylococci	Bergey's Manual
Food	Microbiology	Staphylococcus aureus (CFU)	AOAC (Petrifilm)
Food	Microbiology	Staphylococcus aureus (ND)	BAM, IHM BAM
Food	Microbiology	Staphylococcus aureus (ND)	Compendium
Food	Microbiology	Staphylococcus aureus (ND)	ISO
Food	Microbiology	Vibrio cholerae	BAM (25g)
Food	Microbiology	Vibrio cholerae	BAM (125g)
Food	Microbiology	Vibrio cholerae	BAM
Food	Microbiology	Vibrio cholerae (Per 25g)	IHM BAM
Food	Microbiology	Vibrio cholerae (Per 125g)	IHM BAM
Food	Microbiology	Vibrio parahaemolyticus	BAM
Food	Microbiology	Vibrio parahaemolyticus	IHM BAM
Food	Microbiology	Vibrio spp.	IHM BAM
Food	Microbiology	Vibrio vulnificus	BAM
Food	Microbiology	Yeast and Mold	APHA
Food	Microbiology	Yeast and Mold	APHA
Food	Microbiology	Yeast and Mold	BAM
Food	Microbiology	Yeast and Mold	AOAC(Petrifilm)
Food	Microbiology	Yeast and Mold	TIS
Food	Microbiology	Yeast and Mold	AOAC(Petrifilm)-Rapid
Food	Food Composition	Iodine Value	AOCS
Food	Food Composition	Peroxide Value	AOCS
Food Additive	Food Additive	Acesulfame potassium	HPLC
Food Additive	Food Additive	Antioxidant : BHA	HPLC
Food Additive	Food Additive	Antioxidant : BHT	HPLC
Food Additive	Food Additive	Antioxidant : TBHQ	HPLC
Food Additive	Food Additive	Aspartame	HPLC
Food Additive	Food Additive	Benzoic acid	HPLC
Food Additive	Food Additive	Benzoic acid /Sodium Benzoate	HPLC
Food Additive	Food Additive	Borax	Test kit
Food Additive	Food Additive	c0h	HPLC
Food Additive	Food Additive	Caffeine	HPLC
Food Additive	Food Additive	Cyanide (as HCN-)	J. Sci. Food Agric.
Food Additive	Food Additive	EDTA	HPLC
Food Additive	Food Additive	Ether Extract	TIS
Food Additive	Food Additive	Ferrocyanide	Std. Method
Food Additive	Food Additive	Formaldehyde	HPLC
Food Additive	Food Additive	Formalin	Test kit
Food Additive	Food Additive	Formic acid	GC-MS
Food Additive	Food Additive	Gallic acid	LCMS

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Food Additive	Food Additive	Histamine	AOAC
Food Additive	Food Additive	Histamine	HPLC
Food Additive	Food Additive	Hydrocyanic acid	J. Sci. Food Agric.
Food Additive	Food Additive	Loss on Ignition (Sulfate Ash)	JECFA
Food Additive	Food Additive	Monosodium glutamate	AOAC
Food Additive	Food Additive	Monosodium glutamate/	HPLC
Food Additive	Food Additive	Nitrate, Sodium nitrate	AOAC
Food Additive	Food Additive	Nitrite, Sodium nitrite	AOAC
Food Additive	Food Additive	Package: Para Red, Sudan Red I-IV	LC-MS/MS
Food Additive	Food Additive	Para Red	LC-MS/MS
Food Additive	Food Additive	Phosphate as P2O5	AOAC
Food Additive	Food Additive	Potassium sorbate	HPLC
Food Additive	Food Additive	Propionic acid	GC
Food Additive	Food Additive	Residue on Ignition (Sulfate ash)	AOAC
Food Additive	Food Additive	Saccharin	HPLC
Food Additive	Food Additive	Salicylic acid	Test kit
Food Additive	Food Additive	Salicylic acid	HPLC
Food Additive	Food Additive	Sodium Benzoate	HPLC
Food Additive	Food Additive	Sodium Chloride (NaCl)	AOAC
Food Additive	Food Additive	Sodium Hydrosulfide	Test kit
Food Additive	Food Additive	Sorbic acid	HPLC
Food Additive	Food Additive	Sorbic acid / Potassium sorbate	HPLC
Food Additive	Food Additive	Sudan Red I-IV	HPLC
Food Additive	Food Additive	Sudan Red I-IV	LC-MS/MS
Food Additive	Food Additive	Sulfur dioxide (SO2)	AOAC
Food Additive	Food Additive	Synthetic Color (Qualitative)	TLC
Food Additive	Food Additive	Synthetic Color (Quantitative)	HPLC
Food Additive	Food Additive	Total phosphorus (Exclude)	AOAC
Food Additive	Food Additive	TVB-N	Official Journal of the European Communities
Food Additive	Food Additive	การละลายได้ในWaterเดือด (OTOP)	TIS
Food Composition	Food Composition	Acidity	ASTM D 1613
Food Composition	Food Composition	Alkalinity	ASTM D 1613
Food Composition	Food Composition	Alkalinity (as NaCO3)	TIS
Food Composition	Food Composition	Alkalinity of Soluble Ash	AOAC
Food Composition	Food Composition	Alpha Tocopherol	ICP
Food Composition	Food Composition	Amino Acid (1 item)	HPLC
Food Composition	Food Composition	Amino Nitrogen	TIS
Food Composition	Food Composition	Anthocyanin (1 ITEM)	LC-MS
Food Composition	Food Composition	Anthocyanin (7 ITEM)	LC-MS
Food Composition	Food Composition	Antibiotic (7 items)	Micro Assay
Food Composition	Food Composition	Anticaking (SiO2)	ICP
Food Composition	Food Composition	Ash insoluble in acid	AOAC
Food Composition	Food Composition	Ash, Total	AOAC
Food Composition	Food Composition	Benzoic acid	Nordic Committee
Food Composition	Food Composition	Beta Tocopherol	ICP
Food Composition	Food Composition	Beta-glucan	UV-VIS
Food Composition	Food Composition	Biotin	Micro Assay
Food Composition	Food Composition	Bromide (Methyl Bromide)	In-house method
Food Composition	Food Composition	Bromide ion	GC-MS
Food Composition	Food Composition	Caffeine	HPLC
Food Composition	Food Composition	Calories / Energy	Compendium
Food Composition	Food Composition	Capcisine	HPLC

Category of testing	New Category	Test Items New	Method
Food Composition	Food Composition	Carbohydrate (Total)	Compendium
Food Composition	Food Composition	Cationic surface active agent	TIS
Food Composition	Food Composition	Chloride (as NaCl)	AOAC
Food Composition	Food Composition	Cholesterol	GC
Food Composition	Food Composition	Cholesterol	GC/AOAC
Food Composition	Food Composition	Choline	Spectrophotometer
Food Composition	Food Composition	Citric acid (food)	AOAC
Food Composition	Food Composition	Citric acid (food)	LC-MS
Food Composition	Food Composition	Collagen	GC-MS
Food Composition	Food Composition	Color (Pt-co unit)	ASTM D 1209
Food Composition	Food Composition	Color/Colour/สี	ICUMSA 1994
Food Composition	Food Composition	Conductivity Ash	มอก.56-2516
Food Composition	Food Composition	Crude Fiber	AOAC
Food Composition	Food Composition	Degree of alcohol	GC
Food Composition	Food Composition	DeltaTocopherol	ICP
Food Composition	Food Composition	Density	Density meter
Food Composition	Food Composition	Deoxynojirimycin (DNJ)	Journal of Medicinal
Food Composition	Food Composition	Diastase Activity	AOAC
Food Composition	Food Composition	Diastase Activity	AOAC
Food Composition	Food Composition	Dietary Fiber (Total)	AOAC
Food Composition	Food Composition	Dopy (ความสดของน้ำมัน)	Spectrophotometer
Food Composition	Food Composition	Dry Matter	By calculation (100-
Food Composition	Food Composition	Ethanol	GC
Food Composition	Food Composition	Ether Extract	AOAC
Food Composition	Food Composition	Fatty Acid Composition	GC
Food Composition	Food Composition	Feather Meal	AOAC
Food Composition	Food Composition	Gallic acid	HPLC
Food Composition	Food Composition	Gamma Oryzanol	HPLC
Food Composition	Food Composition	Gamma Tocopherol	ICP
Food Composition	Food Composition	Gamma-amino butaric acid (GABA)	GC-MS
Food Composition	Food Composition	GC-Componante	GC-MS
Food Composition	Food Composition	Gluten Allergen	Test Kit
Food Composition	Food Composition	Glycerine	มผช
Food Composition	Food Composition	Grain Size	ICUMSA 1994
Food Composition	Food Composition	Haxane	GC
Food Composition	Food Composition	Hot water extract	AOAC
Food Composition	Food Composition	Hydrochloric acid	AOAC
Food Composition	Food Composition	Hydrogen sulfide	Standard method
Food Composition	Food Composition	Hydrophobic city	Fluorometer
Food Composition	Food Composition	Hydroxymethylfurfural	HPLC
Food Composition	Food Composition	Hydroxyproline	GC-MS
Food Composition	Food Composition	Insoluble Ash	AOAC
Food Composition	Food Composition	Insoluble Dietary Fiber	AOAC
Food Composition	Food Composition	Insoluble Impurities	AOCS
Food Composition	Food Composition	Insoluble Matter	TIS
Food Composition	Food Composition	Invert Sugars	ICUMSA 1994
Food Composition	Food Composition	Lycopene	HPLC
Food Composition	Food Composition	Mass Position (LC-MS)	LC-MS
Food Composition	Food Composition	Mass Position (LC-MS/MS)	LC-MS/MS
Food Composition	Food Composition	Melamine	LC/MS/MS
Food Composition	Food Composition	Melamine	GC/MS
Food Composition	Food Composition	Melamine and ITS ANALOGS	GC-MS
Food Composition	Food Composition	Melamine and ITS ANALOGS	LC-MS/MS
Food Composition	Food Composition	Melting point (< 300 oC)	Melting point
Food Composition	Food Composition	Methanol	GC

Category of testing	New Category	Test Items New	Method
Food Composition	Food Composition	Mixed Liquor Volatile Suspended	Standard method
Food Composition	Food Composition	Moisture	AOAC
Food Composition	Food Composition	Moisture	AOAC (Oven)
Food Composition	Food Composition	Moisture	AOAC (Vacuum Oven)
Food Composition	Food Composition	Moisture	
Food Composition	Food Composition	Moisture	Karl Fischer
Food Composition	Food Composition	Moisture and Volatile Matter	AOCS
Food Composition	Food Composition	Nitrogen Free Extract (NFE)	Compendium
Food Composition	Food Composition	NVR (Non Volatile residue)	ASTM D 1353
Food Composition	Food Composition	Package: Total Sugars (Glucose, Fructose, Lactose, Maltose, Sucrose)	HPLC
Food Composition	Food Composition	Package: Amino Acid profile (20 items)	Amino acid analyzer
Food Composition	Food Composition	Package: Amino Acid profile (20 items)	GC-MS
Food Composition	Food Composition	Package: Amino Acid profile (20 items)	HPLC
Food Composition	Food Composition	Package: Amino Acid profile (20 items)	LC/MS
Food Composition	Food Composition	Package: Amino Acid profile (Free amino) (18 items)	HPLC
Food Composition	Food Composition	Package: Amino Acid profile (Free amino) (20 items)	GC-MS
Food Composition	Food Composition	Package: Proximate	
Food Composition	Food Composition	Package: Vitamin D (D2, D3)	HPLC
Food Composition	Food Composition	pH	AOAC
Food Composition	Food Composition	Phenolic substance	Standard method
Food Composition	Food Composition	Phosphine (PH ₃)	In-house method
Food Composition	Food Composition	Phytate	ICP
Food Composition	Food Composition	Piperine	AOAC
Food Composition	Food Composition	Polarization	ICUMSA 1994
Food Composition	Food Composition	Polyphenolic Compound (10 items)	LC/MSD
Food Composition	Food Composition	Protein	AOAC
Food Composition	Food Composition	Purity (% Assay)	GC
Food Composition	Food Composition	Quercetin	HPLC
Food Composition	Food Composition	Reducing sugar	Compendium
Food Composition	Food Composition	Relative Density	Density meter
Food Composition	Food Composition	Residue solid (TS)	Gravimetric method
Food Composition	Food Composition	Resratral	HPLC
Food Composition	Food Composition	Saccharin	HPLC
Food Composition	Food Composition	Salicylic acid	HPLC
Food Composition	Food Composition	Saturated Fat	GC
Food Composition	Food Composition	Silicon and phthalate ester	FT-IR
Food Composition	Food Composition	Soap Content	AOCS
Food Composition	Food Composition	Sodium Chloride (NaCl)	AOAC
Food Composition	Food Composition	Sodium Hydroxide (NaOH)	AOAC
Food Composition	Food Composition	Soluble Dietary Fiber	AOAC
Food Composition	Food Composition	SolubleAsh	AOAC
Food Composition	Food Composition	Sorbic acid	HPLC

Category of testing	New Category	Test Items New	Method
Food Composition	Food Composition	Specific Gravity	Standard method
Food Composition	Food Composition	Sucrose	Compendium
Food Composition	Food Composition	Sulfate	TIS
Food Composition	Food Composition	Sulfur (S)	ICP
Food Composition	Food Composition	Sulfur dioxide (SO ₂)	AOAC
Food Composition	Food Composition	Sulphate ash	AOAC
Food Composition	Food Composition	Surfactants (MBAS)	Standard method
Food Composition	Food Composition	Tannin	AOAC
Food Composition	Food Composition	Taurine	Amino acid analyzer
Food Composition	Food Composition	Taurine	LC/MS
Food Composition	Food Composition	Tebufenpyrad	Method for residue
Food Composition	Food Composition	Total acidity (as citric)	AOAC
Food Composition	Food Composition	Total Antioxidant (as Ascorbic acid)	DPPH
Food Composition	Food Composition	Total Antioxidant (Trolox)	DPPH
Food Composition	Food Composition	Total Fat	AOAC
Food Composition	Food Composition	Total Free Caustic Alkali/ Free hydroxide	titrate
Food Composition	Food Composition	Total Glycerin	GC/ FID
Food Composition	Food Composition	Total Nitrogen	AOAC
Food Composition	Food Composition	Total Polyphenol (as gallic acid) (Tea)*	Spectrophotometer
Food Composition	Food Composition	Total Solid	AOAC
Food Composition	Food Composition	Total Sugars	Compendium
Food Composition	Food Composition	Total,Free acidity and Lactone	AOAC
Food Composition	Food Composition	Trans Fat	GC
Food Composition	Food Composition	Trans Fat	GC/AOAC
Food Composition	Food Composition	Trypsin Inhibitor	Modified Method
Food Composition	Food Composition	Unsaponifiable matter	AOAC
Food Composition	Food Composition	Unsaponifiable matter	AOCS
Food Composition	Food Composition	Unsaturated Fat	GC
Food Composition	Food Composition	Vinyl Chloride	GC/MS
Food Composition	Food Composition	Viscosity (Starch)	Brookfile
Food Composition	Food Composition	Viscosity (Starch)	RVA
Food Composition	Food Composition	Viscosity (Starch)	TIS
Food Composition	Food Composition	Viscosity (Starch)	AACC
Food Composition	Food Composition	Viscosity (Starch)	Barbender
Food Composition	Food Composition	Vitamin A (Beta-carotene)	HPLC
Food Composition	Food Composition	Vitamin A (Retinol)	HPLC
Food Composition	Food Composition	Vitamin B1 (Thiamine)	HPLC
Food Composition	Food Composition	Vitamin B12 (Cyanocobalamin)	Micro Assay
Food Composition	Food Composition	Vitamin B2 (Riboflavin)	HPLC
Food Composition	Food Composition	Vitamin B3 (Niacin / Niacinamide)	HPLC
Food Composition	Food Composition	Vitamin B5 (Panthothenic acid)	Micro Assay
Food Composition	Food Composition	Vitamin B6 (Pyridoxine)	HPLC
Food Composition	Food Composition	Vitamin B9 (Folic acid)	HPLC
Food Composition	Food Composition	Vitamin B9 (Folic acid)	Micro Assay
Food Composition	Food Composition	Vitamin B-complex	LC/MS
Food Composition	Food Composition	Vitamin C (Ascorbic acid)	HPLC
Food Composition	Food Composition	Vitamin D (Calciferol)	HPLC
Food Composition	Food Composition	Vitamin D2 (Ergocalciferol)	HPLC
Food Composition	Food Composition	Vitamin D3 (Cholecalciferol)	HPLC
Food Composition	Food Composition	Vitamin E (Alpha-Tocopherol)	HPLC
Food Composition	Food Composition	Vitamin E (Tocopherol)	HPLC
Food Composition	Food Composition	Water Activity (AW)	Water Activity
Food Composition	Food Composition	Water and Volatile Mattern (105°C)	AOCS

Category of testing	New Category	Test Items New	Method
Food Composition	Food Composition	Water extract	AOAC
Food Composition	Food Composition	Water soluble ash	
Food Composition	Food Composition	Wet Gluten	Hand Washing
Food Composition	Food Composition	ความเน่า	Physical
Food Composition	Food Composition	ส่วนที่ไม่ระเหย (Non -Volatile Matter)	TIS
Food Composition	Food Composition	สารที่ละลายในเอทานอล	TIS 295
Food Composition	Food Composition	สารลดแรงตึงผิว	TIS
Food Contact Material	Food Contact Material	Ammoniated Mercury	GC
Food Contact Material	Food Contact Material	Antimony (Sb)	ICP-MS/OES
Food Contact Material	Food Contact Material	Arsenic (As)	ICP-MS/OES
Food Contact Material	Food Contact Material	ASTM F963 Heavy Metal	ASTM F963
Food Contact Material	Food Contact Material	Barium (Ba)	ICP-MS/OES
Food Contact Material	Food Contact Material	Butyl benzyl phthalate (BBP)	
Food Contact Material	Food Contact Material	Cadmium (Cd)	ICP-MS/OES
Food Contact Material	Food Contact Material	Chromium (Cr)	ICP-MS/OES
Food Contact Material	Food Contact Material	Color	มาตรฐาน 295
Food Contact Material	Food Contact Material	Density at 15 oC	ASTM D 1298
Food Contact Material	Food Contact Material	Di(2-ethylhexyl) phthalate (DEHP)	
Food Contact Material	Food Contact Material	Dibutyl Phthalate (DBP)	
Food Contact Material	Food Contact Material	Diethyl Hexyl Phthalate (DEHP)	

Category of testing	New Category	Test Items New	Method
Food Contact Material	Food Contact Material	Diglyceride	EN 14105
Food Contact Material	Food Contact Material	Diisodecyl phthalate (DIDP)	
Food Contact Material	Food Contact Material	Diisononyl phthalate (DINP)	
Food Contact Material	Food Contact Material	Diisooctyl phthalate (DNOP)	
Food Contact Material	Food Contact Material	Di-n-butyl phthalate (DBP)	
Food Contact Material	Food Contact Material	Food stuff contact material (มาตรฐาน)	TISI 656
Food Contact Material	Food Contact Material	Food stuff contact material (มาตรฐาน)	TISI 656
Food Contact Material	Food Contact Material	Freeglycerin	EN 14105
Food Contact Material	Food Contact Material	Germanium (Ge)	
Food Contact Material	Food Contact Material	Germanium (Ge)	
Food Contact Material	Food Contact Material	Hydroquinolone	GC
Food Contact Material	Food Contact Material	Iodine Value	EN 14111
Food Contact Material	Food Contact Material	KmnO4 ที่ใช้ทำปฏิกิริยา	
Food Contact Material	Food Contact Material	Lead (Pb)	ICP-MS/OES
Food Contact Material	Food Contact Material	Maximum extractable fraction in n-hexane	
Food Contact Material	Food Contact Material	Maximum soluble fraction in Xylene	
Food Contact Material	Food Contact Material	Mercury (Hg)	ICP-MS/OES
Food Contact Material	Food Contact Material	Metals (Na5K)	ICP
Food Contact Material	Food Contact Material	Methanol	EN 14110
Food Contact Material	Food Contact Material	Migration test Directive 2002/72/EC	TISI 656
Food Contact Material	Food Contact Material	Migration test Directive 2002/72/EC	TISI 656
Food Contact Material	Food Contact Material	Migration test Directive 2002/72/EC	TISI 656
Food Contact Material	Food Contact Material	Migration test Directive 2002/72/EC	TISI 656
Food Contact Material	Food Contact Material	Migration test Directive 2002/72/EC	TISI 656
Food Contact Material	Food Contact Material	Migration test Directive 2002/72/EC	TISI 656
Food Contact Material	Food Contact Material	Monoglyceride	EN 14105
Food Contact Material	Food Contact Material	Package: Group 1 Metals (Na, K)	EN 14108 & EN14109
Food Contact Material	Food Contact Material	Package: Group 2 Metals (Ca, Mg)	EN 14108
Food Contact Material	Food Contact Material	Package: Phthalate Content (3 ตัว)	GC/MS
Food Contact Material	Food Contact Material	Package: Phthalate Content (3 ตัว)	
Food Contact Material	Food Contact Material	Package: Phthalate Content (6 ตัว)	
Food Contact Material	Food Contact Material	Package: Steriods (7 items)	HPLC-DAD
Food Contact Material	Food Contact Material	Package: Waste Directive 94/62/EC	
Food Contact Material	Food Contact Material	Package: Waste Directive 94/62/EC	
Food Contact Material	Food Contact Material	Phosphorus (P)	ASTM D 4951
Food Contact Material	Food Contact Material	Polychlorinated Biphenyls	GC-uECD
Food Contact Material	Food Contact Material	Polychlorinated Biphenyls	
Food Contact Material	Food Contact Material	Retinoic acid	GC
Food Contact Material	Food Contact Material	Selenium (Se)	ICP-MS/OES
Food Contact Material	Food Contact Material	Short time condition 24 hr.	BS1186
Food Contact Material	Food Contact Material	Steriod	GC
Food Contact Material	Food Contact Material	Sulfated Ash	ASTM D 874
Food Contact Material	Food Contact Material	Sulphur	ASTM D 2622
Food Contact Material	Food Contact Material	Total Glycerin	EN 14105
Food Contact Material	Food Contact Material	Total Glycerin	GC
Food Contact Material	Food Contact Material	Toysafe Standard Toxic element	EN71-3
Food Contact Material	Food Contact Material	Triglyceride	EN 14105
Food Contact Material	Food Contact Material	USP30 (61)	USP30
Food Contact Material	Food Contact Material	Water	ASTM D 2709
Food Contact Material	Food Contact Material	โลหะหนักคำนวณเป็นตะกั่ว	
Food Contact Material	Food Contact Material	โลหะหนักคำนวณเป็นตะกั่ว	
Food Contact Material	Food Contact Material	สารตกค้างที่ได้จากการระเหยได้ใน 20%	TISI 656
Food Contact Material	Food Contact Material	สารตกค้างที่ได้จากการระเหยได้ใน 4%	TISI 656
Food Contact Material	Food Contact Material	สารตกค้างที่ได้จากการระเหยได้ใน DI Water	TISI 656
Food Contact Material	Food Contact Material	สารตกค้างที่ได้จากการระเหยได้ใน DI Water	TISI 656

Category of testing	New Category	Test Items New	Method
Food Contact Material	Food Contact Material	สารตกค้างที่ได้จากการระเหยได้ใน	TISI 656
Food Contact Material	Food Contact Material	สารตกค้างที่ได้จากการระเหยได้ใน Water	TISI 656
Food, Beverage	Microbiology	Escherichia coli Count (CFU)	AOAC (Petrifilm)
Food, Canned Food	Microbiology	Sulfide reducing Clostridia Sporeformer	IHMISO
Food, Canned Food	Microbiology	Thermophilic Aerobic	IHM APHA
Food, Canned Food	Microbiology	Thermophilic Aerobic Sporeformer	APHA
Food, Canned Food	Microbiology	Thermophilic Anaerobes	BAM
Food, Canned Food	Microbiology	Thermophilic Anaerobes	BAM
Food, Canned Food	Microbiology	Thermophilic Anaerobes	TIS 335
Food, Canned Food	Microbiology	Thermophilic Anaerobic	IHM APHA
Food, Canned Food	Microbiology	Thermophilic Anaerobic Sporeformer	APHA
Food, Canned Food	Microbiology	Thermophilic Flat sour Sporeformer	APHA
Food, Feed	Microbiology	Enterobacteriaceae	ISO
Food, Feed	Microbiology	Escherichia coli O157:H7	ISO
Food, Feed	Microbiology	Salmonella spp.	ISO
Food, Feed	Microbiology	Salmonella spp.	ISO, IHM ISO
Food, Feed	Microbiology	Salmonella spp.	ISO, IHM ISO(125g)
Food, Feed	Microbiology	Salmonella spp.	ISO, IHM ISO(25g)
Food, Feed	Microbiology	Shigella spp.	ISO
Food, Feed	Microbiology	Shigella spp.	BAM
Food, Feed, Swab	Microbiology	Bacillus cereus (CFU)	BAM,IHM BAM
Food, Feed, Swab	Microbiology	Bacillus cereus (CFU)	ISO, IHM ISO
Food, Feed, Swab	Microbiology	Bacillus cereus (MPN)	BAM
Food, Feed, Swab	Microbiology	Bacillus cereus (MPN)	ISO
Food, Feed, Swab	Microbiology	Bacillus cereus (ND)	Compendium
Food, Feed, Swab	Microbiology	Coliform Bacteria (MPN)	ISO
Food, Feed, Swab	Microbiology	Coliform Bacteria (ND)	IHM BAM
Food, Feed, Swab	Microbiology	Coliforms Bacteria	ISO
Food, Feed, Swab	Microbiology	Escherichia coli (MPN)	BAM
Food, Feed, Swab	Microbiology	Escherichia coli (MPN)	IHM BAM
Food, Feed, Swab	Microbiology	Escherichia coli (MPN)	ISO
Food, Feed, Swab	Microbiology	Escherichia coli (ND)	Compendium
Food, Feed, Swab	Microbiology	Escherichia coli (ND)	IHM BAM
Food, Feed, Swab	Microbiology	Staphylococcus aureus	ISO
Food,Canned Food	Microbiology	Aciduric Flat Sour Mesophilic	BAM
Food,Canned Food	Microbiology	Aciduric Spoilage Bacteria	APHA
Food,Canned Food	Microbiology	Aciduric Spoilage Bacteria (in2g)	BAM
Food,Canned Food	Microbiology	aerobe heat resistant bacteria	APHA
Food,Canned Food	Microbiology	anaerobes heat resistant bacteria	APHA
Food,Swab Test	Microbiology	Staphylococcus aureus (CFU)	BAM, IHM BAM
Food,Swab Test	Microbiology	Staphylococcus aureus (MPN)	BAM, IHM BAM
Food,Water, Ice	Microbiology	Clostridium perfringens	EA 2010
Food,Water, Ice	Microbiology	Clostridium perfringens (ND)	BAM
Food,Water, Ice	Microbiology	Clostridium perfringens (ND)	Compendium
Food,Water, Ice	Microbiology	Clostridium perfringens (ND)	ISO
Formulation	Formulation	1-Naphthylacetic acid	HPLC-DAD
Formulation	Formulation	2,4 D Butyl Ester	GC-FID
Formulation	Formulation	2,4-D	HPLC-DAD
Formulation	Formulation	2,4-D dimethyl ammonium	HPLC-DAD
Formulation	Formulation	2,4-D sodium salt	HPLC-DAD
Formulation	Formulation	2,4-D-isobutyl	GC-FID
Formulation	Formulation	Abamectin	HPLC-DAD
Formulation	Formulation	Acephate	GC-FID
Formulation	Formulation	Acetamiprid	HPLC-DAD
Formulation	Formulation	Acetochlor	GC-FID

Category of testing	New Category	Test Items New	Method
Formulation	Formulation	Acidity,calculated as H2SO4	Manaul
Formulation	Formulation	Acriflavine	HPLC-DAD
Formulation	Formulation	Alachlor	GC-FID



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Category of testing	New Category	Test Items New	Method
Formulation	Formulation	Alkalinity,calculated as NaOH	Manual
Formulation	Formulation	Alpha cypermethrin	GC-FID
Formulation	Formulation	Aluminium phosphide	Manual
Formulation	Formulation	Ametryn	GC-FID
Formulation	Formulation	Amitraz	GC-FID
Formulation	Formulation	Anilophos	HPLC-DAD
Formulation	Formulation	Appearance	Manual
Formulation	Formulation	Appearance Density	Manual
Formulation	Formulation	Atrazine	GC-FID
Formulation	Formulation	Azadirachtin	HPLC-DAD
Formulation	Formulation	Azamethiphos	HPLC-DAD
Formulation	Formulation	Azoxystrobin	GC-FID
Formulation	Formulation	Benfuracrab	HPLC-DAD
Formulation	Formulation	Benomyl	HPLC-DAD
Formulation	Formulation	Bensulfuron-methyl	LC-MS/MS
Formulation	Formulation	Beta cypermethrin	GC-FID
Formulation	Formulation	Bifenthrin	GC-FID
Formulation	Formulation	Bispyribac sodium	HPLC-DAD
Formulation	Formulation	Bromacil	GC-FID
Formulation	Formulation	Bromadiolone	HPLC-DAD
Formulation	Formulation	Buprofezin	GC-FID
Formulation	Formulation	Butachlor	GC-FID
Formulation	Formulation	Butralin	GC-FID
Formulation	Formulation	Captan	HPLC-DAD
Formulation	Formulation	Carbaryl	HPLC-DAD
Formulation	Formulation	Carbendazim	HPLC-DAD
Formulation	Formulation	Carbofuran	HPLC-DAD
Formulation	Formulation	Carbosulfan	HPLC-DAD
Formulation	Formulation	Carboxin	HPLC-DAD
Formulation	Formulation	Cartap	HPLC-DAD
Formulation	Formulation	Cartap Hydrochloride	HPLC-DAD
Formulation	Formulation	Chlorantraniliprole	HPLC-DAD
Formulation	Formulation	Chlorfenapyr	HPLC-DAD
Formulation	Formulation	Chlorfluazuron	GC-FID
Formulation	Formulation	Chlorothalonil	GC-FID
Formulation	Formulation	Chlorpyrifos	HPLC-DAD
Formulation	Formulation	Chlorpyrifos oxon	LC-MS/MS
Formulation	Formulation	Clethodim	HPLC-DAD
Formulation	Formulation	Clomazone	HPLC-DAD
Formulation	Formulation	Copper content	Manual
Formulation	Formulation	Copper hydroxide	Manual
Formulation	Formulation	Copper oxychloride	Manual
Formulation	Formulation	Cyhalofop-butyl	GC-FID
Formulation	Formulation	Cyhalothrin	GC-FID
Formulation	Formulation	Cymoxanil	HPLC-DAD
Formulation	Formulation	Cypermethrin	GC-FID
Formulation	Formulation	Cyphenothrin	GC-FID
Formulation	Formulation	Cyromazine	GC-FID
Formulation	Formulation	Deltamethrin	HPLC-DAD
Formulation	Formulation	Density	Density meter
Formulation	Formulation	Diazinon	GC-FID
Formulation	Formulation	Dichlorvos	GC-FID
Formulation	Formulation	Dicrotophos	GC-FID
Formulation	Formulation	Difenacoum	HPLC-DAD
Formulation	Formulation	Difenoconazole	HPLC-DAD

Category of testing	New Category	Test Items New	Method
Formulation	Formulation	Diflubenzuron	HPLC-DAD
Formulation	Formulation	Dimethoate	HPLC-DAD
Formulation	Formulation	Dimethomorph	HPLC-DAD
Formulation	Formulation	Dimethyl Disulfide	GC-MS (Headspace)
Formulation	Formulation	Dinotefuran	HPLC-DAD
Formulation	Formulation	Dispersibility	Manual
Formulation	Formulation	Dissolution Degree And Solution	Manual
Formulation	Formulation	Diuron	HPLC-DAD
Formulation	Formulation	d-Tetramethrin	GC-FID
Formulation	Formulation	Emamectin	HPLC-DAD
Formulation	Formulation	Emamectin benzoate	HPLC-DAD
Formulation	Formulation	Emulsion stability and re-	Manual
Formulation	Formulation	Ethephon	Manual
Formulation	Formulation	Ethion	HPLC-DAD
Formulation	Formulation	Etofenprox	GC-FID
Formulation	Formulation	Fenclorim	GC-FID
Formulation	Formulation	Fenobucarb	HPLC-DAD
Formulation	Formulation	Fenoxaprop-P-ethyl	HPLC-DAD
Formulation	Formulation	Fipronil	HPLC-DAD
Formulation	Formulation	Fluazifop-P-butyl	GC-FID
Formulation	Formulation	Flubendiamide	GC-FID
Formulation	Formulation	Flumetralin	GC-FID
Formulation	Formulation	Flutriafol	GC-FID
Formulation	Formulation	Fomesafen	HPLC-DAD
Formulation	Formulation	Fosetyl-Aluminium	Manual
Formulation	Formulation	Gibberellic acid	HPLC-DAD
Formulation	Formulation	Glufosinate ammonium	HPLC-DAD
Formulation	Formulation	Glyphosate	HPLC-DAD
Formulation	Formulation	Glyphosate ammonium	HPLC-DAD
Formulation	Formulation	Glyphosate Isopropylamine	HPLC-DAD
Formulation	Formulation	Glyphosate Isopropylammonium	HPLC-DAD
Formulation	Formulation	Glyphosate potassium	HPLC-DAD
Formulation	Formulation	Haloxifop -R-methyl ester	GC-FID
Formulation	Formulation	Hexaconazole	GC-FID
Formulation	Formulation	Hexazinone	HPLC-DAD
Formulation	Formulation	Hymexazol	HPLC-DAD
Formulation	Formulation	Imazapic	HPLC-DAD
Formulation	Formulation	Imazethapyr	HPLC-DAD
Formulation	Formulation	Imidacloprid	HPLC-DAD
Formulation	Formulation	Indoxacarb	HPLC-DAD
Formulation	Formulation	Inorganic Phosphite	Manual
Formulation	Formulation	Iprodione	HPLC-DAD
Formulation	Formulation	Isoprocarb	HPLC-DAD
Formulation	Formulation	Isoprothiolane	GC-FID
Formulation	Formulation	Kasugamycin	HPLC-DAD
Formulation	Formulation	Kasugamycin hydrochloride hydrate	HPLC-DAD
Formulation	Formulation	Lambda cyhalothrin	GC-FID
Formulation	Formulation	Lufenuron	HPLC-DAD
Formulation	Formulation	Magnesium phosphide	Manual
Formulation	Formulation	Malachite green hydrochloride	HPLC-DAD
Formulation	Formulation	Malachite green oxalate	HPLC-DAD
Formulation	Formulation	Mancozeb	Manual
Formulation	Formulation	Manganese (Mn)	Manual
Formulation	Formulation	Material retained on a 0.71 milimeter	Manual
Formulation	Formulation	Material retained on a 1.18 milimeter	Manual

Category of testing	New Category	Test Items New	Method
Formulation	Formulation	Material retained on a 1.25 milimeter	Manual
Formulation	Formulation	Material retained on a 1.40 milimeter	Manual
Formulation	Formulation	Material retained on a 125 micrometer	Manual
Formulation	Formulation	Material retained on a 2.36 milimeter	Manual
Formulation	Formulation	Material retained on a 250 micrometer	Manual
Formulation	Formulation	Metalaxyl	GC-FID
Formulation	Formulation	Metaldehyde	GC-FID
Formulation	Formulation	Methomyl	HPLC-DAD
Formulation	Formulation	Methyl Isobutyl ketone	GC-FID
Formulation	Formulation	Methyl paraoxon	LC-MS/MS
Formulation	Formulation	Metolachor	GC-FID
Formulation	Formulation	Metsulfuron methyl	HPLC-DAD
Formulation	Formulation	N,N-Diethyl-meta-toluamide (Deet)	HPLC-DAD
Formulation	Formulation	Niclosamide	HPLC-DAD
Formulation	Formulation	Niclosamide olamine	HPLC-DAD
Formulation	Formulation	Nominal size range (250-1250 um)	Manual
Formulation	Formulation	Odor	Manual
Formulation	Formulation	Omethoate	HPLC-DAD
Formulation	Formulation	Oxadiazon	GC-FID
Formulation	Formulation	Oxyfluorfen	GC-FID
Formulation	Formulation	Paclbutrazol	GC-FID
Formulation	Formulation	Paraquat	HPLC-DAD
Formulation	Formulation	Paraquat Dichloride	HPLC-DAD
Formulation	Formulation	Particle size 16-22 mesh	Manual
Formulation	Formulation	Pendimethalin	HPLC-DAD
Formulation	Formulation	Permethrin	GC-FID
Formulation	Formulation	Persistent foam after 1 min	Manual
Formulation	Formulation	pH	pH meter
Formulation	Formulation	Phenthoate	GC-FID
Formulation	Formulation	Phosmet	HPLC-DAD
Formulation	Formulation	Phosphorus acid	Manual
Formulation	Formulation	Phoxim	HPLC-DAD
Formulation	Formulation	Piperonyl butoxide	GC-FID
Formulation	Formulation	Pirimiphos-methyl	GC-FID
Formulation	Formulation	Pourability	Manual
Formulation	Formulation	Pretilachlor	GC-FID
Formulation	Formulation	Prochloraz	HPLC-DAD
Formulation	Formulation	Procymidone	GC-FID
Formulation	Formulation	Profenophos	GC-FID
Formulation	Formulation	Propanil	GC-FID
Formulation	Formulation	Propanil	HPLC-DAD
Formulation	Formulation	Propaquizafop	HPLC-DAD
Formulation	Formulation	Propiconazole	GC-FID
Formulation	Formulation	Propineb	Manual
Formulation	Formulation	Propylene glycol methyl ether	GC-FID
Formulation	Formulation	Pymetrozine	HPLC-DAD
Formulation	Formulation	Pyrazosulfuron	HPLC-DAD
Formulation	Formulation	Pyrazosulfuron Ethyl	HPLC-DAD
Formulation	Formulation	Pyrethrins	HPLC-DAD
Formulation	Formulation	Pyridaben	HPLC-DAD
Formulation	Formulation	Pyriproxyfen	HPLC-DAD
Formulation	Formulation	Quinclorac	HPLC-DAD
Formulation	Formulation	Quizalofop-P-ethyl	GC-FID
Formulation	Formulation	Quizalofop-P-tefuryl	GC-FID

Category of testing	New Category	Test Items New	Method
Formulation	Formulation	Sample Characteristic	Manual
Formulation	Formulation	S-Bioallethrin	GC-FID
Formulation	Formulation	Solubility in water	Manual
Formulation	Formulation	Solution stability	Manual
Formulation	Formulation	Spinosad	LC-MS/MS
Formulation	Formulation	Spontaneity of dispersion	Manual
Formulation	Formulation	Stability at 0℃	Manual
Formulation	Formulation	Stability at elevated temperature	Manual
Formulation	Formulation	Structure	GC-MS
Formulation	Formulation	Suspensibility	Manual
Formulation	Formulation	Suspensibility After 0 °c	Manual
Formulation	Formulation	Tebuconazole	GC-FID
Formulation	Formulation	Temephos	HPLC-DAD
Formulation	Formulation	Terbutryn	GC-FID
Formulation	Formulation	Tetradifon	GC-FID
Formulation	Formulation	The ratio of the lower to the upper	Manual
Formulation	Formulation	Thiamethoxam	HPLC-DAD
Formulation	Formulation	Thiophanate methyl	HPLC-DAD
Formulation	Formulation	Thiram	Manual
Formulation	Formulation	Triazophos	GC-FID
Formulation	Formulation	Trichlorfon	GC-ECD
Formulation	Formulation	Tricyclazole	HPLC-DAD
Formulation	Formulation	Trifluralin	GC-FID
Formulation	Formulation	Triforine	HPLC-DAD
Formulation	Formulation	Validamycin	HPLC-DAD
Formulation	Formulation	Valifenalate	HPLC-DAD
Formulation	Formulation	Water	Manual
Formulation	Formulation	Wet sieve test 45 micrometer	Manual
Formulation	Formulation	Wet sieve test 75 micrometer	Manual
Formulation	Formulation	Wettability	Manual
Formulation	Formulation	zeta-Cypermethrin	HPLC-DAD
Formulation	Formulation	Zinc (Zn)	Manual
Formulation	Formulation	Zinc phosphide	Manual
Fruit juice	Pesticide Residue	Package: X Pesticides 4 groups	
Garlic	Pesticide Residue	Package: Pesticides 4 groups	
Ground Water	Water Package	Package: WT 7 : Ground Water (DIW No. 12/2542)	
Halal	Halal	Cholesterol	GC
Halal	Halal	DNA	Real Time PCR
Halal	Halal	Ethyl alcohol	GC-MS
Halal	Halal	Fatty Acid Composition	GC
Halal	Halal	Gelatin	AOAC
Halal	Halal	GMOs	Real - Time PCR
Heavy Metal & Mineral	Heavy Metal & Mineral	Aluminium (Al)	ICP-MS
Heavy Metal & Mineral	Heavy Metal & Mineral	Aluminium (Al)	ICP-MS/OES
Heavy Metal & Mineral	Heavy Metal & Mineral	Antimony (Sb)	ICP-MS
Heavy Metal & Mineral	Heavy Metal & Mineral	Antimony (Sb)	ICP-MS/OES
Heavy Metal & Mineral	Heavy Metal & Mineral	Arsenic (As)	ICP-MS/OES
Heavy Metal & Mineral	Heavy Metal & Mineral	Arsenic (As)	ICP-MS/OES
Heavy Metal & Mineral	Heavy Metal & Mineral	Arsenic : Inorganic As	HPLC-ICP-MS
Heavy Metal & Mineral	Heavy Metal & Mineral	Arsenic : Organic As	HPLC-ICP-MS
Heavy Metal & Mineral	Heavy Metal & Mineral	Barium (Ba)	ICP-MS/OES
Heavy Metal & Mineral	Heavy Metal & Mineral	Beryllium (Be)	ICP-MS/OES
Heavy Metal & Mineral	Heavy Metal & Mineral	Bismuth (Bi)	ICP-MS/OES
Heavy Metal & Mineral	Heavy Metal & Mineral	Boron (B)	ICP-MS/OES

Category of testing	New Category	Test Items New	Method
Heavy Metal & Mineral	Heavy Metal & Mineral	Cadmium (Cd)	ICP-MS/OES
Heavy Metal & Mineral	Heavy Metal & Mineral	Calcium (Ca)	ICP-MS/OES
Heavy Metal & Mineral	Heavy Metal & Mineral	CCE (calcium Carbonate Equivalent)	Titration
Heavy Metal & Mineral	Heavy Metal & Mineral	Cerium (Ce)	ICP-MS/OES
Heavy Metal & Mineral	Heavy Metal & Mineral	Chromium (Cr)	ICP-MS/OES
Heavy Metal & Mineral	Heavy Metal & Mineral	Chromium hexavalent(Cr6+)	Spectrophotometer
Heavy Metal & Mineral	Heavy Metal & Mineral	Chromium Trivalent (Cr+3)	Calculation
Heavy Metal & Mineral	Heavy Metal & Mineral	Cobalt (Co)	ICP-MS/OES
Heavy Metal & Mineral	Heavy Metal & Mineral	Copper (Cu)	ICP-MS/OES
Heavy Metal & Mineral	Heavy Metal & Mineral	Eugenol	GC-MS
Heavy Metal & Mineral	Heavy Metal & Mineral	Germanium (Ge)	ICP
Heavy Metal & Mineral	Heavy Metal & Mineral	Gold (Au)	ICP-MS/OES
Heavy Metal & Mineral	Heavy Metal & Mineral	Heavy metals as Pb	USP 24
Heavy Metal & Mineral	Heavy Metal & Mineral	Heavy metals as Pb	USP 28
Heavy Metal & Mineral	Heavy Metal & Mineral	Iron (Fe)	ICP-MS/OES
Heavy Metal & Mineral	Heavy Metal & Mineral	Lanthanum (La)	ICP
Heavy Metal & Mineral	Heavy Metal & Mineral	Lead (Pb)	ICP-MS/OES
Heavy Metal & Mineral	Heavy Metal & Mineral	Lithium (Li)	ICP-MS/OES
Heavy Metal & Mineral	Heavy Metal & Mineral	Magnesium (Mg)	ICP-MS/OES
Heavy Metal & Mineral	Heavy Metal & Mineral	Manganese (Mn)	ICP-MS/OES
Heavy Metal & Mineral	Heavy Metal & Mineral	Mercury (Hg)	ICP-MS/OES
Heavy Metal & Mineral	Heavy Metal & Mineral	Methyl chavicol	GC-MS
Heavy Metal & Mineral	Heavy Metal & Mineral	Methyl eugenol	GC-MS
Heavy Metal & Mineral	Heavy Metal & Mineral	Methyl Mercury	ICP
Heavy Metal & Mineral	Heavy Metal & Mineral	Molybdenum (Mo)	ICP-MS/OES
Heavy Metal & Mineral	Heavy Metal & Mineral	Nickel (Ni)	ICP-MS/OES
Heavy Metal & Mineral	Heavy Metal & Mineral	Package: Al, Cr, Mn, Fe, Cu, Zn, As	ICP-MS
Heavy Metal & Mineral	Heavy Metal & Mineral	Package: Eugenol, Methyl eugenol, Methyl chavicol	GC-MS
Heavy Metal & Mineral	Heavy Metal & Mineral	Package: Mercury (Hg), Cadmium (Cd), Lead (Pb)	ICP-MS
Heavy Metal & Mineral	Heavy Metal & Mineral	Package: Sodium (Na), Calcium (Ca), Iron (Fe)	ICP-OES
Heavy Metal & Mineral	Heavy Metal & Mineral	Phosphate (PO43-)	ICP-MS/OES
Heavy Metal & Mineral	Heavy Metal & Mineral	Phosphorus (P)	ICP-OES
Heavy Metal & Mineral	Heavy Metal & Mineral	Platinum (Pt)	ICP
Heavy Metal & Mineral	Heavy Metal & Mineral	Potassium (K)	ICP-MS/OES
Heavy Metal & Mineral	Heavy Metal & Mineral	Potassium (Total K2O)	ICP-OES
Heavy Metal & Mineral	Heavy Metal & Mineral	Potassium (Water soluble K2O)	ICP-OES
Heavy Metal & Mineral	Heavy Metal & Mineral	Rubidium (Rb)	ICP
Heavy Metal & Mineral	Heavy Metal & Mineral	Selenium (Se)	ICP-MS/OES
Heavy Metal & Mineral	Heavy Metal & Mineral	Silver (Ag)	ICP-MS/OES
Heavy Metal & Mineral	Heavy Metal & Mineral	Sodium (Na)	ICP-MS/OES
Heavy Metal & Mineral	Heavy Metal & Mineral	Strontium (Sr)	ICP-MS/OES
Heavy Metal & Mineral	Heavy Metal & Mineral	Thallium (Tl)	ICP-MS/OES
Heavy Metal & Mineral	Heavy Metal & Mineral	Tin (Sn)	ICP-MS/OES
Heavy Metal & Mineral	Heavy Metal & Mineral	Titanium (Ti)	ICP-MS/OES
Heavy Metal & Mineral	Heavy Metal & Mineral	Uranium (U)	ICP-MS/OES
Heavy Metal & Mineral	Heavy Metal & Mineral	Vanadium (V)	ICP-MS/OES
Heavy Metal & Mineral	Heavy Metal & Mineral	Yttrium (Y)	ICP-MS/OES
Heavy Metal & Mineral	Heavy Metal & Mineral	Zinc (Zn)	ICP-MS/OES
Heavy Metal & Mineral	Heavy Metal & Mineral	Zirconium (Zr)	ICP-MS/OES
honey	Food Composition	Invert Sugars	HPLC

Category of testing	New Category	Test Items New	Method
ICE	Water Package	Package: WT 6 : ICE (MOPH No.137/2534)	
Live Stock	Toxin & Toxic Substance	Aflatoxin Group	HPLC
Live Stock	Microbiology	Escherichia coli (ND)	ORG
longan	Food Composition	Sulfur dioxide (SO ₂)	AOAC
Meat	Microbiology	Anti-Bacterial Substance Residues	Micro Assay
Meat, Shimp, Crap	Pesticide Residue	Package: VI Pesticides 4 groups	
milk	Food Composition	Total Solid non Fat	AOAC
Milk and egg	Pesticide Residue	Package: VIII Pesticides 4 groups	
Miniral water	Water and Waste Water	Bicarbonate (Water)	Standard method
Nutrition Package	Nutrition Package	Package: THAI RDI (Full Package)	THAI RDI
Nutrition Package	Nutrition Package	Package: THAI RDI, US.FDA *Group 1(General)	Thai RDI+US.FDA *
Nutrition Package	Nutrition Package	Package: US.FDA, Canada Group 1(General)	Thai RDI + US.FDA + Canada
Oil	Food Composition	Acid Value	AOCS
Oil	Food Composition	Free Fatty Acid	AOCS
oil	Food Composition	Free Fatty Acid / Oxide Value	AOCS
Oil	Food Composition	Iodine Value, Wijs	AOCS
oil	Food Composition	Peroxide Value	AOCS
oil	Food Composition	Polar compound	AOAC
oil	Food Composition	Saponification Value	AOAC
oil	Food Composition	Saponification Value	AOCS
Oil and Fat	Pesticide Residue	Package: VII Pesticides 4 groups	
Package Micro	Package Micro	Package: Acid Canned Food (Sterility Test) (TIS No. 335/2523).	
Package Micro	Package Micro	Package: Acid Canned Food (Sterility Test) (TIS No. 335/2523).	
Package Micro	Package Micro	Package: Beverage ; Fruit juice, Soft Drink	
Package Micro	Package Micro	Package: Beverage ; Fruit juice, Soft Drink	
Package Micro	Package Micro	Package: Canned Food & Pouch (DLS)	
Package Micro	Package Micro	Package: Canned Food & Pouch (DLS)	
Package Micro	Package Micro	Package: Cooked Foods, Chilled processed	
Package Micro	Package Micro	Package: Cooked Foods, Chilled processed	
Package Micro	Package Micro	Package: Drinking Water (MOPH No. 135/2534)	
Package Micro	Package Micro	Package: Drinking Water (MOPH No. 135/2534)	
Package Micro	Package Micro	Package: Drinking Water (TIS No. 332/2521)	
Package Micro	Package Micro	Package: Drinking Water (TIS No. 332/2521)	
Package Micro	Package Micro	Package: Fermented Meat Products (DMSc)	

Category of testing	New Category	Test Items New	Method
Package Micro	Package Micro	Package: Fermented Meat Products (DMSc)	
Package Micro	Package Micro	Package: Frozen , Chilled Meat (DLS)	
Package Micro	Package Micro	Package: Frozen , Chilled Meat (DLS)	
Package Micro	Package Micro	Package: Heat-Treated Meat Products (DLS)	
Package Micro	Package Micro	Package: Heat-Treated Meat Products (DLS)	
Package Micro	Package Micro	Package: Instant Noodle, Vermicelli Seasoning	
Package Micro	Package Micro	Package: Instant Noodle, Vermicelli Seasoning	
Package Micro	Package Micro	Package: Low-Acid Canned Food (Sterility Test) (TIS No. 335/2523)	
Package Micro	Package Micro	Package: Low-Acid Canned Food (Sterility Test) (TIS No. 335/2523)	
Package Micro	Package Micro	Package: Ready to eat / Processed Fruit	
Package Micro	Package Micro	Package: Ready to eat / Processed Fruit	
Package Micro	Package Micro	Package: Ready to eat ; Seafood (DMSc)	
Package Micro	Package Micro	Package: Ready to eat ; Seafood (DMSc)	
Package Micro	Package Micro	Package: Sausage , Pork balls (DLS)	
Package Micro	Package Micro	Package: Sausage , Pork balls (DLS)	
Package Micro	Package Micro	Package: Suger (TIS No. 56/2516)	
Package Micro	Package Micro	Package: Suger (TIS No. 56/2516)	
Package Micro	Package Micro	Package: Unprocess food (DMSc)	
Package Micro	Package Micro	Package: Unprocess food (DMSc)	
Pesticide Residue	Pesticide Residue	Organochlorine	GC/ μ -ECD
Pesticide Residue	Pesticide Residue	Package: Carbamate Group	HPLC
Pesticide Residue	Pesticide Residue	Package: Compound (from 4 groups)	
Pesticide Residue	Pesticide Residue	Package: Organochlorine Group	GC-uECD
Pesticide Residue	Pesticide Residue	Package: Organophosphate Group	GC/FPD
Pesticide Residue	Pesticide Residue	Package: Organophosphate, Pyrethroid, Endosulfan (ส่งออก)	
Pesticide Residue	Pesticide Residue	Package: Pyrethroid Group	GC-uECD
Physical	Physical	Extraneous Matters in Rice	ISO / CD 7301
Physical	Physical	Particle size (Test Sieve) (การวิเคราะห์ขนาด/ ความละเอียด)	มอก.
Physical	Physical	Refractive Index (R.I.)	Hand Refractometer
Physical	Physical	Total Soluble Solid (ของแข็งที่ละลายได้ทั้งหมด)	Hand Refractometer
Physical	Physical	Water Activity (AW)	Water Activity

Category of testing	New Category	Test Items New	Method
Physical	Physical	การเก็บปริมาณ	Non Food
Physical	Physical	การตรวจวิเคราะห์อาหารทะเลแช่เยือกแข็ง	
Physical	Physical	การวิเคราะห์สมุนไพร/ ผลิตภัณฑ์สมุนไพร	สมุนไพร
Physical	Physical	การสลายตัวเมล็ดข้าวที่อุณหภูมิแห้งสูง (Alkali Spreading Value)	กรมวิชาการเกษตร
Physical	Physical	การหาเศษแก้ว	AOAC
Physical	Physical	การหาปริมาณ amylose ในข้าว	กรมวิชาการเกษตร
Physical	Physical	การหาสิ่งปนปลอมในเมล็ดข้าว (Visual Examination)	AOAC
Physical	Physical	การหาสิ่งปนปลอมในเมล็ดข้าวและธัญพืช (External Grain and Seeds)	AOAC (1012) 950.86
Physical	Physical	การหาสิ่งปนปลอมในแป้งข้าว	AOAC
Physical	Physical	การหาสิ่งปนปลอมในแป้งข้าวและผลิตภัณฑ์ จากแป้งข้าว	AOAC (1012) 982.32
Physical	Physical	การหาสิ่งปนปลอมในผลิตภัณฑ์ประเภทเส้น	AOAC
Physical	Physical	การหาสิ่งปนปลอมในผลิตภัณฑ์ประเภทเส้น	AOAC (1012), 969.41
Physical	Physical	การหาสิ่งปนปลอมในผลิตภัณฑ์ประเภทใบชา	AOAC (1012) 981.18
Physical	Physical	การหาสิ่งปนปลอมในผลิตภัณฑ์ประเภท	AOAC (1012) 972.38
Physical	Physical	การหาสิ่งปนปลอมในผลิตภัณฑ์ประเภท	AOAC
Physical	Physical	การหาสิ่งปนปลอมในผลิตภัณฑ์ประเภท	LIB.2865
Physical	Physical	การหาสิ่งปนปลอมในมะขาม	AOAC
Physical	Physical	การหาสิ่งปนปลอมในมะขาม (Whole Tamarind pulp)	AOAC (1012) 945.87
Physical	Physical	ขนาด (กว้าง ยาว)	Non Food
Physical	Physical	ขนาดเมล็ด ความหอม (KK:พื้นข้าว=กว้าง ยาว หน้า)	
Physical	Physical	ข้อบกพร่อง	AOAC
Physical	Physical	ข้าว 100 %	กรมการค้าระหว่าง
Physical	Physical	ข้าว 5 %	
Physical	Physical	ข้าวเต็มเมล็ด	Thai Rice Standards
Physical	Physical	ข้าวเมล็ดเสีย แดก ลีบ	Thai Hom Mali Rice
Physical	Physical	ความเน่า (Feed)*	Physical
Physical	Physical	ความใส	เครื่องตีที่มีแอลกอฮอล์
Physical	Physical	ความหวาน (o Brix)	Hand Refractometer
Physical	Physical	คุณภาพข้าวขาว / ข้าวหอมมะลิ	
Physical	Physical	ตรวจฉลาก (ชนิดของผลิตภัณฑ์ตรงตามที่ ระบุ เช่น ระบุว่าเป็นกึ่งกุลาดำ สินค้าที่ตรวจ ต้องเป็นกึ่งกุลาดำ)	AOAC
Physical	Physical	น้ำหนักเนื้ออาหาร (Drained Weight)	AOAC
Physical	Physical	น้ำหนักอาหารทั้งหมด (Net Weight)	AOAC
Physical	Physical	ปริมาณเยื่อในแป้ง	AACC, มอก.
Physical	Physical	ลักษณะของผลิตภัณฑ์และข้อบกพร่อง (Appearance)	อาหาร, Non Food
Physical	Physical	ลักษณะอาหาร	AOAC
Physical	Physical	สารละลายได้ (% Brix)	Hand Refractometer
Physical	Physical	สี กลิ่น รส (Sensory Test)	AOAC
Positive list JP	Positive list JP	AHD	
Positive list JP	Positive list JP	AMOZ	
Positive list JP	Positive list JP	AOZ	

Category of testing	New Category	Test Items New	Method
Positive list JP	Positive list JP	Chloramphenicol	ELISA
Positive list JP	Positive list JP	Chloramphenicol	LC/MS/MS
Positive list JP	Positive list JP	Nitrofurans	LC/MS/MS
Positive list JP	Positive list JP	Package: Verterinary Drugs, Pesticide	
Positive list JP	Positive list JP	Pesticides	
Positive list JP	Positive list JP	SEM	
Positive list JP	Positive list JP	Terbufenpyrad	Method for residue
Positive list JP	Positive list JP	Veterinary Drugs	
Rice	Pesticide Residue	Package: IV Pesticides 4 groups	
salts	Heavy Metal & Mineral	Iodine (I)	AOAC
salts	Heavy Metal & Mineral	Iodine (I)	ICP
Sea Water	Water and Waste Water	Phenol	APHA-AWWA
Soil	Microbiology	Alicyclobacillus	APHA
Soil	Pesticide Residue	Package: III Pesticides 4 groups	
Sugar	Food Composition	Sediment	ICUMSA 1994
Sugar, Syrup, Honey	Pesticide Residue	Package: IX Pesticides 4 groups	
Surface Water	Water Package	Package: WT 8 : Surface Water (MOPH No. 18/2537)	
Swab Test	Microbiology	Aerobic Plate Count (CFU)	APHA
Swab Test	Microbiology	Clostridium perfringens	IHM BAM
Swab Test	Microbiology	Coliforms (CFU)	IHM AOAC
Swab Test	Microbiology	Enterobacteria	IHM BAM
Swab Test	Microbiology	Enterobacteriaceae (CFU)	IHM APHA
Swab Test	Microbiology	Enterobacteriaceae (CFU)	INH-AOAC (Petrifilm)
Swab Test	Microbiology	Escherichia coli Count (CFU)	IHM AOAC
Swab Test	Microbiology	Faecal Streptococcus	IHM APHA
Swab Test	Microbiology	Listeria monocytogenes	IHM ISO
Swab Test	Microbiology	Salmonella spp.	IHM ISO
Swab Test, Air test	Microbiology	TPC/ Variable plate count/ Aerobic plate count/ Total bacteria count/ Standard plate count	IHM APHA-AWWA AOAC
Tap Water	Water Package	Package: WT5 : Tap water (DWNo.332/2521)	
Tomato and their products	Microbiology	Howard Mold Count	APHA
Toxin & Toxic Substance	Toxin & Toxic Substance	2,4-D	GC
Toxin & Toxic Substance	Toxin & Toxic Substance	2,4-D	LC-MS/MS
Toxin & Toxic Substance	Toxin & Toxic Substance	3-MCPD	GC-MS
Toxin & Toxic Substance	Toxin & Toxic Substance	Abamectin	LC-MS
Toxin & Toxic Substance	Toxin & Toxic Substance	Abamectin	LC-MS/MS
Toxin & Toxic Substance	Toxin & Toxic Substance	Acephate	GC-FPD
Toxin & Toxic Substance	Toxin & Toxic Substance	Acetamiprid	LC-MS
Toxin & Toxic Substance	Toxin & Toxic Substance	Aflatoxin Group	HPLC
Toxin & Toxic Substance	Toxin & Toxic Substance	Aflatoxin M1	HPLC
Toxin & Toxic Substance	Toxin & Toxic Substance	Aldicarb	LC-MS
Toxin & Toxic Substance	Toxin & Toxic Substance	Aldicarb sulfone	LC-MS
Toxin & Toxic Substance	Toxin & Toxic Substance	Aldicarb sulfoxide	LC-MS
Toxin & Toxic Substance	Toxin & Toxic Substance	Ametryn	GC-MS
Toxin & Toxic Substance	Toxin & Toxic Substance	Ametryn	LC-MS/MS
Toxin & Toxic Substance	Toxin & Toxic Substance	Atrazine	GC-MS
Toxin & Toxic Substance	Toxin & Toxic Substance	Atrazine	LC-MS/MS
Toxin & Toxic Substance	Toxin & Toxic Substance	Azinphos ethyl	GC-FPD

Category of testing	New Category	Test Items New	Method
Toxin & Toxic Substance	Toxin & Toxic Substance	Azinphos Methyl	GC-FPD
Toxin & Toxic Substance	Toxin & Toxic Substance	Azoxystrobin	GC/ μ -ECD
Toxin & Toxic Substance	Toxin & Toxic Substance	Azoxystrobin	LC-MS
Toxin & Toxic Substance	Toxin & Toxic Substance	Azoxystrobin	LC-MS/MS
Toxin & Toxic Substance	Toxin & Toxic Substance	Benomyl	LC-MS
Toxin & Toxic Substance	Toxin & Toxic Substance	Benomyl	LC-MS/MS
Toxin & Toxic Substance	Toxin & Toxic Substance	Bensulfuron-methyl	LC-MS
Toxin & Toxic Substance	Toxin & Toxic Substance	Bensulfuron-methyl	LC-MS/MS
Toxin & Toxic Substance	Toxin & Toxic Substance	Bromacil	GC/ μ -ECD
Toxin & Toxic Substance	Toxin & Toxic Substance	Bromacil	LC-MS/MS
Toxin & Toxic Substance	Toxin & Toxic Substance	Cadusafos	GC-FPD
Toxin & Toxic Substance	Toxin & Toxic Substance	Captan	GC/ μ -ECD
Toxin & Toxic Substance	Toxin & Toxic Substance	Carbaryl	LC-MS
Toxin & Toxic Substance	Toxin & Toxic Substance	Carbendazim	LC-MS
Toxin & Toxic Substance	Toxin & Toxic Substance	Carbendazim / Benomyl	LC-MS/MS
Toxin & Toxic Substance	Toxin & Toxic Substance	Carbofuran	LC-MS
Toxin & Toxic Substance	Toxin & Toxic Substance	Carbofuran 3 hydroxy	LC-MS
Toxin & Toxic Substance	Toxin & Toxic Substance	Carbofuran 3 keto	LC-MS
Toxin & Toxic Substance	Toxin & Toxic Substance	Carbosulfan	GC/ μ -ECD
Toxin & Toxic Substance	Toxin & Toxic Substance	Carbosulfan	HPLC/post column
Toxin & Toxic Substance	Toxin & Toxic Substance	Carbosulfan	LC-MS
Toxin & Toxic Substance	Toxin & Toxic Substance	Carbosulfan	LC-MS/MS
Toxin & Toxic Substance	Toxin & Toxic Substance	Chlorpyrifos	GC-FPD
Toxin & Toxic Substance	Toxin & Toxic Substance	Difenoconazole	LC-MS/MS
Toxin & Toxic Substance	Toxin & Toxic Substance	Dithiocarbamate (CS ₂)	GC/ μ -ECD
Toxin & Toxic Substance	Toxin & Toxic Substance	Dithiocarbamate (CS ₂)	LC-MS
Toxin & Toxic Substance	Toxin & Toxic Substance	Diuron	GC-MS
Toxin & Toxic Substance	Toxin & Toxic Substance	Diuron	LC-MS
Toxin & Toxic Substance	Toxin & Toxic Substance	Diuron	LC-MS/MS
Toxin & Toxic Substance	Toxin & Toxic Substance	Ethrophosphos	GC-MS
Toxin & Toxic Substance	Toxin & Toxic Substance	Fenobucarb	LC-MS
Toxin & Toxic Substance	Toxin & Toxic Substance	Fenpropathrin	GC/ μ -ECD
Toxin & Toxic Substance	Toxin & Toxic Substance	Fipronil	GC/ μ -ECD
Toxin & Toxic Substance	Toxin & Toxic Substance	Fipronil	LC-MS
Toxin & Toxic Substance	Toxin & Toxic Substance	Fipronil	LC-MS/MS
Toxin & Toxic Substance	Toxin & Toxic Substance	Fumonisin	ELISA
Toxin & Toxic Substance	Toxin & Toxic Substance	Fumonisin	LC-MS/MS
Toxin & Toxic Substance	Toxin & Toxic Substance	Glyphosate	HPLC/post column
Toxin & Toxic Substance	Toxin & Toxic Substance	Hexachlorobenzene	GC/ μ -ECD
Toxin & Toxic Substance	Toxin & Toxic Substance	Hexachlorobenzene	GC-MS
Toxin & Toxic Substance	Toxin & Toxic Substance	Hexaconazole	LC-MS/MS
Toxin & Toxic Substance	Toxin & Toxic Substance	Hezazenone	GC/ μ -ECD
Toxin & Toxic Substance	Toxin & Toxic Substance	Hezazenone	GC-MS
Toxin & Toxic Substance	Toxin & Toxic Substance	Imazalil	GC-MS
Toxin & Toxic Substance	Toxin & Toxic Substance	Imidacloprid	LC-MS/MS
Toxin & Toxic Substance	Toxin & Toxic Substance	Iprodione	GC/ μ -ECD
Toxin & Toxic Substance	Toxin & Toxic Substance	Iprodione	LC-MS
Toxin & Toxic Substance	Toxin & Toxic Substance	Isoprocarb	LC-MS
Toxin & Toxic Substance	Toxin & Toxic Substance	Isoprothiolane	GC-MS
Toxin & Toxic Substance	Toxin & Toxic Substance	Isoprothiolane	LC-MS
Toxin & Toxic Substance	Toxin & Toxic Substance	Mancozeb	GC/ μ -ECD
Toxin & Toxic Substance	Toxin & Toxic Substance	Maneb	GC/ μ -ECD
Toxin & Toxic Substance	Toxin & Toxic Substance	Metaxyl	GC-MS
Toxin & Toxic Substance	Toxin & Toxic Substance	Methalaxyl	LC-MS/MS
Toxin & Toxic Substance	Toxin & Toxic Substance	Methiocarb	LC-MS

Category of testing	New Category	Test Items New	Method
Toxin & Toxic Substance	Toxin & Toxic Substance	Methiocarb sulfone	LC-MS
Toxin & Toxic Substance	Toxin & Toxic Substance	Methiocarb sulfoxide	LC-MS
Toxin & Toxic Substance	Toxin & Toxic Substance	Methomyl	LC-MS
Toxin & Toxic Substance	Toxin & Toxic Substance	Metolcarb	LC-MS
Toxin & Toxic Substance	Toxin & Toxic Substance	Metribuzin	GC-MS
Toxin & Toxic Substance	Toxin & Toxic Substance	Ochratoxin	HPLC
Toxin & Toxic Substance	Toxin & Toxic Substance	Oxamyl	LC-MS
Toxin & Toxic Substance	Toxin & Toxic Substance	Package: (2 Groups)	
Toxin & Toxic Substance	Toxin & Toxic Substance	Package: (3 Groups)	
Toxin & Toxic Substance	Toxin & Toxic Substance	Package: (4 Groups)	
Toxin & Toxic Substance	Toxin & Toxic Substance	Package: Carbamate Group	HPLC/post column
Toxin & Toxic Substance	Toxin & Toxic Substance	Package: Carbamate Group	LC-MS
Toxin & Toxic Substance	Toxin & Toxic Substance	Package: Organochlorine Group	GC
Toxin & Toxic Substance	Toxin & Toxic Substance	Package: Organochlorine Group	GC-uECD
Toxin & Toxic Substance	Toxin & Toxic Substance	Package: Organophosphate Group	GC
Toxin & Toxic Substance	Toxin & Toxic Substance	Package: Organophosphate Group	GC-FPD
Toxin & Toxic Substance	Toxin & Toxic Substance	Package: Pyrethroid Group	GC
Toxin & Toxic Substance	Toxin & Toxic Substance	Package: Pyrethroid Group	GC-uECD
Toxin & Toxic Substance	Toxin & Toxic Substance	PAHs	HPLC
Toxin & Toxic Substance	Toxin & Toxic Substance	Paraquat	HPLC
Toxin & Toxic Substance	Toxin & Toxic Substance	Paraquat	LC-MS
Toxin & Toxic Substance	Toxin & Toxic Substance	Paraquat	UV-VIS spectro
Toxin & Toxic Substance	Toxin & Toxic Substance	Paraquat (Water)	UV-VIS spectro
Toxin & Toxic Substance	Toxin & Toxic Substance	Pendimethaline	GC-MS
Toxin & Toxic Substance	Toxin & Toxic Substance	Prochloraz	GC/ μ -ECD
Toxin & Toxic Substance	Toxin & Toxic Substance	Prochloraz	LC-MS
Toxin & Toxic Substance	Toxin & Toxic Substance	Prochloraz	LC-MS/MS
Toxin & Toxic Substance	Toxin & Toxic Substance	Procymidone	GC-MS
Toxin & Toxic Substance	Toxin & Toxic Substance	Promecarb	LC-MS
Toxin & Toxic Substance	Toxin & Toxic Substance	Propanil	GC/ μ -ECD
Toxin & Toxic Substance	Toxin & Toxic Substance	Propanil	GC-MS
Toxin & Toxic Substance	Toxin & Toxic Substance	Propanil	LC-MS
Toxin & Toxic Substance	Toxin & Toxic Substance	Propiconazole	GC/ μ -ECD
Toxin & Toxic Substance	Toxin & Toxic Substance	Propiconazole	LC-MS
Toxin & Toxic Substance	Toxin & Toxic Substance	Propiconazole	LC-MS/MS
Toxin & Toxic Substance	Toxin & Toxic Substance	Propineb	GC/ μ -ECD
Toxin & Toxic Substance	Toxin & Toxic Substance	Quinchlorac	LC-MS
Toxin & Toxic Substance	Toxin & Toxic Substance	T-2 Toxin	ELISA
Toxin & Toxic Substance	Toxin & Toxic Substance	T-2 Toxin	LC-MS/MS
Toxin & Toxic Substance	Toxin & Toxic Substance	Vomitoxin	ELISA
Toxin & Toxic Substance	Toxin & Toxic Substance	Vomitoxin	HPLC
Toxin & Toxic Substance	Toxin & Toxic Substance	Zearalenone	HPLC
Vegetable and Fruit	Pesticide Residue	Package: I Pesticides 4 groups	
Vegetable and Fruit	Pesticide Residue	Package: Pesticides 4 groups (ส่งออก)	
Waste Water	Water Package	Package: WT 1 : Wastewater (DIW No.2/2539)	
Waste Water	Water Package	Package: WT 2 : Wastewater (IEAT No.45/2541)	
Waste Water	Pesticide Residue	Package: XII Pesticides 4 groups	
Water	Water and Waste Water	Bicarbonate (Water)	Standard method
Water	Microbiology	Clostridium perfringens (ND)	IHM BAM
Water	Microbiology	Legionella spp.	ISO
Water	Water Package	Package: WT 3 : Drinking Water (TIS No. 332/2521)	

Category of testing	New Category	Test Items New	Method
Water	Water Package	Package: WT 4 : Drinking Water (MOPH No. 135/2534)	
Water	Water Package	Package: WT 4 : Drinking Water (MOPH No. 135/2534) (No Clostridium)	
Water	Water Package	Package: WT 4.1 : Drinking Water (MOPH No. 135/2534)	
Water	Pesticide Residue	Package: XI Pesticides 4 groups	
Water and Waste Water	Water and Waste Water	Acidity	APHA-AWWA
Water and Waste Water	Water and Waste Water	Acrylamide	GC-MS
Water and Waste Water	Water and Waste Water	Acrylamide	LC-MS/MS
Water and Waste Water	Water and Waste Water	Aerobic Plate Count	APHA-AWWA
Water and Waste Water	Water and Waste Water	Alkalinity	APHA-AWWA
Water and Waste Water	Water and Waste Water	Alkalinity	ASTM D 1613
Water and Waste Water	Water and Waste Water	Alkalinity as sodium carbonate	AOAC
Water and Waste Water	Water and Waste Water	Alkyl Benzyl Sulfonate	APHA-AWWA
Water and Waste Water	Water and Waste Water	Alkyl Benzyl Sulfonate	TIS
Water and Waste Water	Water and Waste Water	Aluminium (Al)	ICP
Water and Waste Water	Water and Waste Water	Aluminium (Al)	ICP-MS
Water and Waste Water	Water and Waste Water	Ammonia-Nitrogen	APHA-AWWA
Water and Waste Water	Water and Waste Water	Antimony (Sb)	ICP
Water and Waste Water	Water and Waste Water	Arsenic (As)	ICP-MS/OES
Water and Waste Water	Water and Waste Water	Arsenic (As)	ICP-MS/OES
Water and Waste Water	Water and Waste Water	Barium (Ba)	ICP-MS
Water and Waste Water	Water and Waste Water	Benzene (Water)	Standard method
Water and Waste Water	Water and Waste Water	Beryllium (Be)	ICP
Water and Waste Water	Water and Waste Water	Beryllium (Be)	ICP-MS/OES
Water and Waste Water	Water and Waste Water	Bicarbonate	Standard method
Water and Waste Water	Water and Waste Water	Bicarbonate (Mineral Water)	APHA-AWWA
Water and Waste Water	Water and Waste Water	Bicarbonate (Water)	APHA-AWWA
Water and Waste Water	Water and Waste Water	Bicarbonate Alkalinity	AWWA
Water and Waste Water	Water and Waste Water	Bicarbonate hardness (as HCO ₃)	AWWA
Water and Waste Water	Water and Waste Water	BOD	APHA-AWWA
Water and Waste Water	Water and Waste Water	Boron (B)	ICP
Water and Waste Water	Water and Waste Water	Boron (B)	ICP-MS/OES
Water and Waste Water	Water and Waste Water	Cadmium (Cd)	ICP
Water and Waste Water	Water and Waste Water	Cadmium (Cd)	ICP-MS
Water and Waste Water	Water and Waste Water	Calcium (Ca)	ICP
Water and Waste Water	Water and Waste Water	Calcium (Ca)	ICP-OES
Water and Waste Water	Water and Waste Water	Calcium carbonate	ICP
Water and Waste Water	Water and Waste Water	Calcium Hardness (as CaCO ₃)	APHA-AWWA
Water and Waste Water	Water and Waste Water	Calcium Hardness (as CaCO ₃)	Standard method
Water and Waste Water	Water and Waste Water	Carbon	In-house based on AOAC
Water and Waste Water	Water and Waste Water	Carbonate Alkalinity	AWWA
Water and Waste Water	Water and Waste Water	Carbonate hardness(as CaCO ₃)	AWWA
Water and Waste Water	Water and Waste Water	Carotenoid	UV-Vis Spectro
Water and Waste Water	Water and Waste Water	Chemical Oxygen Demand (COD Close)	APHA-AWWA
Water and Waste Water	Water and Waste Water	Chemical Oxygen Demand (COD Open)	APHA-AWWA
Water and Waste Water	Water and Waste Water	Chloride (Cl ⁻)	APHA-AWWA
Water and Waste Water	Water and Waste Water	Chloride (Cl ⁻)	AWWA

Category of testing	New Category	Test Items New	Method
Water and Waste Water	Water and Waste Water	Chloroform (Water)	Standard method
Water and Waste Water	Water and Waste Water	Chromium (Cr)	ICP
Water and Waste Water	Water and Waste Water	Chromium (Cr)	ICP-MS
Water and Waste Water	Water and Waste Water	Chromium hexavalent(Cr6+)	Spectrophotometer
Water and Waste Water	Water and Waste Water	Chromium Trivalent (Cr+3)	Calculation
Water and Waste Water	Water and Waste Water	Cl.perfringens	AWWA
Water and Waste Water	Water and Waste Water	Cl.perfringens	ENVIRONMENT
Water and Waste Water	Water and Waste Water	Cl.perfringens	Health Protection
Water and Waste Water	Water and Waste Water	Coliform Bacteria	APHA-AWWA
Water and Waste Water	Water and Waste Water	Coliform Bacteria	AWWA
Water and Waste Water	Water and Waste Water	Color/Colour (ADMI unit)	ADMI
Water and Waste Water	Water and Waste Water	Color/Colour/สี	AWWA
Water and Waste Water	Water and Waste Water	Color/Colour/สี	ASTM D 1209
Water and Waste Water	Water and Waste Water	Copper (Cu)	ICP
Water and Waste Water	Water and Waste Water	Copper (Cu)	ICP-MS
Water and Waste Water	Water and Waste Water	Cyanide (CN)	TIS
Water and Waste Water	Water and Waste Water	Cyanide (CN)	APHA-AWWA
Water and Waste Water	Water and Waste Water	Dichloromethane	Standard method
Water and Waste Water	Water and Waste Water	Disolved Oxygen (DO)	APHA-AWWA
Water and Waste Water	Water and Waste Water	Escherichia coli/E.coli	APHA-AWWA
Water and Waste Water	Water and Waste Water	Faecal Coliforms	APHA-AWWA
Water and Waste Water	Water and Waste Water	Faecal Streptococcus (Enterococci)	APHA-AWWA
Water and Waste Water	Water and Waste Water	Filtrate BOD	APHA
Water and Waste Water	Water and Waste Water	Fluoride (F-)	APHA-AWWA
Water and Waste Water	Water and Waste Water	Formaldehyde	Test Kit
Water and Waste Water	Water and Waste Water	Formaldehyde	APHA-AWWA
Water and Waste Water	Water and Waste Water	Formaldehyde	Standard Method
Water and Waste Water	Water and Waste Water	Free Carbondioxide	Standard method
Water and Waste Water	Water and Waste Water	Heavy Metals (per Element)	Standard method/ICP
Water and Waste Water	Water and Waste Water	Hydrazine as N4H4	Spectro (Colorimetric)
Water and Waste Water	Water and Waste Water	Hydrogen sulfide	APHA-AWWA
Water and Waste Water	Water and Waste Water	Hydrogen sulfide	Standard method
Water and Waste Water	Water and Waste Water	Hydrogen sulphide	Standard method
Water and Waste Water	Water and Waste Water	Hydrogen sulphide	APHA-AWWA
Water and Waste Water	Water and Waste Water	Hydroxide Alkalinity	AWWA
Water and Waste Water	Water and Waste Water	Iron (Fe)	ICP-MS / OES
Water and Waste Water	Water and Waste Water	Lead (Pb)	ICP-MS / OES
Water and Waste Water	Water and Waste Water	Lycopene	HPLC
Water and Waste Water	Water and Waste Water	Magnesium (Mg)	ICP-MS / OES
Water and Waste Water	Water and Waste Water	Magnesium Hardness	Standard method
Water and Waste Water	Water and Waste Water	Magnesium Hardness (as CaCO3)	APHA-AWWA
Water and Waste Water	Water and Waste Water	Magnesium Hardness (as CaCO3)	Standard method
Water and Waste Water	Water and Waste Water	Manganese (Mn)	ICP-MS / OES
Water and Waste Water	Water and Waste Water	Mercury (Hg)	ICP-MS / OES
Water and Waste Water	Water and Waste Water	Methyl Orange Alkalinity	APHA-AWWA
Water and Waste Water	Water and Waste Water	Mixed Liquor Suspended Solids (MLSS)	APHA-AWWA
Water and Waste Water	Water and Waste Water	Mixed Liquor Suspended Solids (MLSS)	Standard method
Water and Waste Water	Water and Waste Water	Mixed Liquor Volatile Suspended	APHA-AWWA
Water and Waste Water	Water and Waste Water	Mixed Liquor Volatile Suspended	Standard method
Water and Waste Water	Water and Waste Water	Molybdate reactive silica (SiO2)	ICP
Water and Waste Water	Water and Waste Water	Molybdenum (Mo)	ICP-MS/OES
Water and Waste Water	Water and Waste Water	Nickel (Ni)	ICP-MS/OES
Water and Waste Water	Water and Waste Water	Nitrate	AOAC
Water and Waste Water	Water and Waste Water	Nitrate	APHA-AWWA

Category of testing	New Category	Test Items New	Method
Water and Waste Water	Water and Waste Water	Nitrate (Nitrogen)	APHA-AWWA
Water and Waste Water	Water and Waste Water	Nitrite	APHA-AWWA
Water and Waste Water	Water and Waste Water	Nitrite (Nitrogen)	APHA-AWWA
Water and Waste Water	Water and Waste Water	Non Carbonate Hardness	APHA-AWWA
Water and Waste Water	Water and Waste Water	Non Carbonate hardness	AWWA
Water and Waste Water	Water and Waste Water	NVR (Non Volatile residue)	ASTM D 1353
Water and Waste Water	Water and Waste Water	Odor	APHA-AWWA
Water and Waste Water	Water and Waste Water	Odor	TIS
Water and Waste Water	Water and Waste Water	Oil and Grease	Standard method
Water and Waste Water	Water and Waste Water	Oil and Grease (partition)	Standard method
Water and Waste Water	Water and Waste Water	Oil and Grease (Soxhlet)	APHA-AWWA
Water and Waste Water	Water and Waste Water	Organic Matter	Standard method
Water and Waste Water	Water and Waste Water	Organic-Nitrogen	APHA-AWWA
Water and Waste Water	Water and Waste Water	Package: Carbamate Group	EPA / HPLC
Water and Waste Water	Water and Waste Water	Package: Carbamate Group	EPA / LC-MS
Water and Waste Water	Water and Waste Water	Package: Organochlorine Group	AOAC/GC-FPD
Water and Waste Water	Water and Waste Water	Package: Organochlorine Group	EPA
Water and Waste Water	Water and Waste Water	Package: Organophosphate Group	AOAC/GC- μ ECD
Water and Waste Water	Water and Waste Water	Package: Organophosphate Group	EPA
Water and Waste Water	Water and Waste Water	Package: Pyrethroid Group	AOAC/GC- μ ECD
Water and Waste Water	Water and Waste Water	Package: Pyrethroid Group	EPA
Water and Waste Water	Water and Waste Water	pH	APHA-AWWA
Water and Waste Water	Water and Waste Water	pH	TIS
Water and Waste Water	Water and Waste Water	Phenol	APHA-AWWA
Water and Waste Water	Water and Waste Water	Phenol	TIS
Water and Waste Water	Water and Waste Water	Phenol Compounds	Standard method
Water and Waste Water	Water and Waste Water	Phenolphthalein Alkalinity	APHA-AWWA
Water and Waste Water	Water and Waste Water	Phosphate (PO ₄ ³⁻)	AWWA
Water and Waste Water	Water and Waste Water	Relative Density at 25oC	In-house method
Water and Waste Water	Water and Waste Water	Residual Chlorine	APHA-AWWA
Water and Waste Water	Water and Waste Water	Residue Free Chlorine	APHA-AWWA
Water and Waste Water	Water and Waste Water	Salinity	Conductivity meter
Water and Waste Water	Water and Waste Water	Salinity	Salinity Refractometer
Water and Waste Water	Water and Waste Water	Salmonella spp.	APHA-AWWA
Water and Waste Water	Water and Waste Water	Selenium (Se)	ICP-MS/OES
Water and Waste Water	Water and Waste Water	Settleable Solid	APHA-AWWA
Water and Waste Water	Water and Waste Water	Silver (Ag)	ICP-MS/OES
Water and Waste Water	Water and Waste Water	Sodium (Na)	ICP-MS/OES
Water and Waste Water	Water and Waste Water	Sodium Nitrite	AWWA
Water and Waste Water	Water and Waste Water	Solids Volumn (SV)	APHA-AWWA
Water and Waste Water	Water and Waste Water	Soluble Phosphate (as Phosphorus)	APHA-AWWA
Water and Waste Water	Water and Waste Water	Staphylococcus aureus	APHA-AWWA
Water and Waste Water	Water and Waste Water	Sulfate	APHA-AWWA
Water and Waste Water	Water and Waste Water	Sulfide	APHA-AWWA
Water and Waste Water	Water and Waste Water	Surfactants (MBAS)	Standard method
Water and Waste Water	Water and Waste Water	Suspended Solids	APHA-AWWA
Water and Waste Water	Water and Waste Water	SV30	In-house method
Water and Waste Water	Water and Waste Water	SVI(Sludge volume index)	In-house method
Water and Waste Water	Water and Waste Water	Taste	AWWA
Water and Waste Water	Water and Waste Water	Taste	TIS
Water and Waste Water	Water and Waste Water	Temperature	APHA-AWWA
Water and Waste Water	Water and Waste Water	Tin (Sn)	ICP-MS/OES
Water and Waste Water	Water and Waste Water	Total Alkalinity (as CaCO ₃)	Standard method
Water and Waste Water	Water and Waste Water	Total Dissolved Solids	APHA-AWWA
Water and Waste Water	Water and Waste Water	Total Hardness	APHA-AWWA

Category of testing	New Category	Test Items New	Method
Water and Waste Water	Water and Waste Water	Total Hardness	Standard method
Water and Waste Water	Water and Waste Water	Total Kjeldahl Nitrogen (TKN)	APHA-AWWA
Water and Waste Water	Water and Waste Water	Total Organic Carbon	Standard method
Water and Waste Water	Water and Waste Water	Total Phosphate (as Phosphorus)	APHA-AWWA
Water and Waste Water	Water and Waste Water	Total Solids	APHA-AWWA
Water and Waste Water	Water and Waste Water	Total Suspended Solids (TSS)	APHA-AWWA
Water and Waste Water	Water and Waste Water	Total Trihalomethane (TTHMs)	EPA
Water and Waste Water	Water and Waste Water	TPC/ Variable plate count/ Aerobic plate count/ Total bacteria count / Standard plate count 25 °C	APHA-AWWA
Water and Waste Water	Water and Waste Water	TPC/ Variable plate count/ Aerobic plate count/ Total bacteria count / Standard plate count 35 °C	APHA-AWWA
Water and Waste Water	Water and Waste Water	TPC/ Variable plate count/ Aerobic plate count/ Total bacteria count/ Standard plate count 37 °C	APHA-AWWA
Water and Waste Water	Water and Waste Water	TPC/ Variable plate count/ Aerobic plate count/ Total bacteria count/ Standard plate count 55 °C	APHA-AWWA
Water and Waste Water	Water and Waste Water	Turbidity	APHA-AWWA
Water and Waste Water	Water and Waste Water	Uranium (U)	ICP-MS
Water and Waste Water	Water and Waste Water	Volatile Acid or Volatile Fatty Acid (VFA)	Distillation method
Water and Waste Water	Water and Waste Water	Volatile Fatty Acid (as CH ₃ COOH)	AWWA
Water and Waste Water	Water and Waste Water	Volatile Organic Compound	AWWA/APHA
Water and Waste Water	Water and Waste Water	Volatile Organic Compound	EPA
Water and Waste Water	Water and Waste Water	Waste Extraction Test (WET)	DIW
Water and Waste Water	Water and Waste Water	Water Insoluble Matter	TIS
Water and Waste Water	Water and Waste Water	Zinc (Zn)	ICP-MS/OES
Water, Ice	Microbiology	Aerobic Plate Count (CFU)	APHA-AWWA
Water, Ice	Microbiology	Aerobic Plate Count at 22°C	APHA-AWWA
Water, Ice	Microbiology	Aerobic Plate Count at 37°C	APHA-AWWA
Water, Ice	Microbiology	Clostridium perfringens	Environment agency,
Water, Ice	Microbiology	Clostridium perfringens (ND)	Health Protection
Water, Ice	Microbiology	Faecal Streptococcus	AWWA
Water, Ice	Microbiology	Salmonella spp.	ISO
Water, Ice	Microbiology	Salmonella spp.	MDA
Water, Ice	Microbiology	Salmonella spp.	ISO (Per 125 g)
Water, Ice	Microbiology	Salmonella spp.	ISO (Per 375 g)
Water, Ice	Microbiology	Salmonella spp.	APHA, AWWA
Water, Ice	Microbiology	Salmonella spp.	IHM Molecular
Water, Ice	Microbiology	Staphylococcus aureus	ISO

Category of testing	New Category	Test Items New	Method
Water, Ice	Microbiology	TPC/ Variable plate count/ Aerobic plate count/ Total bacteria count / Standard plate count 22 °C	IHM APHA-AWWA AOAC
Water, Ice	Microbiology	TPC/ Variable plate count/ Aerobic plate count/ Total bacteria count/ Standard plate count 37 °C	IHM APHA-AWWA AOAC
Water, Ice	Microbiology	TPC/ Variable plate count/ Aerobic plate count/ Total bacteria count / Standard plate count 55 °C	IHM APHA-AWWA AOAC
Water, Ice	Microbiology	Vibrio cholerae	AWWA
Water,Ice	Microbiology	Coliform Bacteria (ND)	AWWA
Water,Ice	Microbiology	Pseudomonas aeruginosa	AWWA
มผช.	มผช.	Color/Colour/สี	Sensory Test, มผช.มอก
มผช.	มผช.	Water หนักทั้งหมด (Gross Weight)	Sensory Test, มผช.มอก
มผช.	มผช.	เครื่องปรุงแต่งหน้าในข้าวแตน	Sensory Test, มผช.มอก
มผช.	มผช.	เสถียรภาพต่อการเก็บ	Sensory Test, มผช.มอก
มผช.	มผช.	กลิ่น	Sensory Test, มผช.มอก
มผช.	มผช.	กลิ่นรส	Sensory Test, มผช.มอก
มผช.	มผช.	การเจือสีในอาหาร	Sensory Test, มผช.มอก
มผช.	มผช.	การเปลี่ยนสี	Sensory Test, มผช.มอก
มผช.	มผช.	การใช้งาน	Sensory Test, มผช.มอก
มผช.	มผช.	การละลาย/ การสกัดด้วยน้ำเดือด	Sensory Test, มผช.มอก
มผช.	มผช.	การวิเคราะห์สเมทไฟร/ ผลิตภัณฑ์สเมทไฟร	Sensory Test, มผช.มอก
มผช.	มผช.	ความใส	Sensory Test, มผช.มอก
มผช.	มผช.	ความคงสภาพ	Sensory Test, มผช.มอก
มผช.	มผช.	คุณภาพเครื่องตีมแอลกอฮอล์	Sensory Test, มผช.มอก
มผช.	มผช.	ตรวจฉลาก	Sensory Test, มผช.มอก

Category of testing	New Category	Test Items New	Method
มผช.	มผช.	น้ำหนักเนื้ออาหาร (Drain Weight)	Sensory Test, มผช.มอก
มผช.	มผช.	น้ำหนักสุทธิ (Net Weight)	Sensory Test, มผช.มอก
มผช.	มผช.	ปริมาตร/ปริมาณ	Sensory Test, มผช.มอก
มผช.	มผช.	ผิวเคลือบ/การเคลือบเงา	Sensory Test, มผช.มอก
มผช.	มผช.	ภาชนะบรรจุ	Sensory Test, มผช.มอก
มผช.	มผช.	รส	Sensory Test, มผช.มอก
มผช.	มผช.	ลักษณะเนื้อ	
มผช.	มผช.	ลักษณะเนื้อสัมผัส	Sensory Test, มผช.มอก
มผช.	มผช.	ลักษณะของผลิตภัณฑ์และข้อบกพร่อง (Appearance)	Sensory Test, มผช.มอก
มผช.	มผช.	สี กลิ่น รส (Sensory Test)	Sensory Test, มผช.มอก
		Doxycycline	LC-MS/MS
		Oxolinic acid	LC-MS/MS
		Oxytetracycline	LC-MS/MS
	Nutrition Package	Package: THAI GDA	THAI RDI
	Fertilizer	Phosphorus (available P2O5)	
	Food Composition	Vitamin K	