

Schedule of Accreditation

issued by

United Kingdom Accreditation Service

2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK



1288

Accredited to
ISO/IEC 17025:2017

Premier Foods Group Limited (Trading as Premier Analytical Services)

Issue No: 092 Issue date: 02 September 2025

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Testing performed at the above address only

DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
FOOD CONTACT MATERIALS	<u>Chemical Tests</u> 1,3-dichloropropan-2-ol 2,3-dichloropropan-1-ol 2- and 3-chloro-propane 1,2-diol	Documented In-House Method C-TM-069 using GC-MS
FOOD and FOOD PRODUCTS as specified		
BAKERY and DAIRY FOODS	Fructans	C-TM-142 using HPLC with electro-chemical detection
COFFEE and COCOA PRODUCTS	Caffeine	C-TM-068 using HPLC
CEREALS and CEREAL PRODUCTS	Free Amino acids: - Asparagine - Alanine - Aspartic acid - Glutamic acid - Glutamine - Glycine - Isoleucine - Leucine - Phenylalanine - Serine - Threonine - Tyrosine - Valine	C-TM-227 using HPLC
	Ethyl Carbamate	C-TM-226 using GC-MS
DRY SUGAR BASED PRODUCTS, SUGAR SYRUPS, SOFT DRINKS and BAKERY MIXES	Sweeteners: Saccharin Acesulfame-K Aspartame	C-TM-139 by HPLC



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FOOD and FOOD PRODUCTS as specified (cont'd)	<u>Chemical Tests</u> (cont'd)	Documented In-House Methods
DRY SPICES, FATS, OIL-BASED SPICE PASTE and WATER-BASED SPICED SAUCES	Illegal Dyes: Sudan I, Rhodamine B, Sudan II, Para Red, Sudan III, Sudan red G, Sudan IV, Fast Garnet, Sudan Red 7B, Nitroaniline, Butter Yellow, Toluidine Red, Sudan Orange G, Sudan Black, Auramine-O, Orange II, Metanil yellow, Sudan Red B	C-TM-224 using LC-MS/MS
FOOD and INFANT FOOD PRODUCTS	Total Inorganic Arsenic (As III and As IV)	C-TM-314 by HPLC and ICP-MS
FOOD, FOOD PRODUCTS and ANIMAL FEEDS	Ash	C-TM-002
	Chloride - water soluble	C-TM-019 using Electrometric titration on aqueous extract
	Dietary Fibre (Total)	C-TM-129 (AOAC 991.43)
	Fat - total	C-TM-007 using acid hydrolysis and liquid-liquid extraction
	Fatty Acid Composition: Total Saturates Total Mono-unsaturates Total Poly-unsaturates Omega 3 fatty acids Omega 6 fatty acids	C-TM-009 using GC
	Metals: Aluminium Calcium Copper Iron Magnesium Manganese Potassium Sodium Zinc	C-TM-206 by ICP-OES - Extraction procedures C-TM 205 & C-TM 218



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FOOD, FOOD PRODUCTS and ANIMAL FEEDS (cont'd)	<u>Chemical Tests</u> (cont'd) Metals: Aluminium Arsenic Cadmium Chromium Cobalt Lead Molybdenum Nickel Selenium Mercury (Total) Moisture Mono and Disaccharides Total Sugars Glucose Fructose Lactose Sucrose Maltose Nitrogen/crude protein Phosphorus Folic Acid	Documented In-House Methods C-TM-311 by ICP-MS by Microwave extraction C-TM-294 using direct Mercury analyser DMA-80 C-TM-001 using oven drying at 102°C C-TM-004 using HPLC C-TM-189 using DUMAS Combustion C-TM-214 by ICP-OES - Extraction procedure C-TM 213 C-TM-287 by LC-MS/MS
Vitamin Fortified Foods: including cereal based foods, Milk Powders, Bread Products, Yeast Extract, Juices and Fruit Drinks		



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FOOD, FOOD PRODUCTS and ANIMAL FEEDS (cont'd)	<u>Chemical Tests</u> (cont'd)	Documented In-House Methods
	Riboflavin	C-TM-055 by HPLC with detection by fluorescence
	Vitamin B ₆	C-TM-315 by LC MS/MS
	Vitamin A	C-TM-021 by HPLC
	Vitamin D ₂ and D ₃	C-TM-273 by HPLC
	Vitamin E	C-TM-056 by HPLC with detection by fluorescence
(excluding Meat, Liver and Cheese)	Vitamin B ₁₂	C-TM-285 by LC-MS/MS
FOOD and FOOD PRODUCTS - unspecified	Acrylamide	C-TM-207 using selective bromination and GC-MS/MS
	Capsaicin, Norhydrocapsaicin, Dihydrocapsaicin, Scoville Heat Unit	C-TM-098 by HPLC with detection by fluorescence
	2- and 3-chloro-1,2-propanediol (2 - MCPD & 3 - MCPD) 1,3 -dichloropropan-2-ol (1,3-DCP) 2,3 - dichloropropan-1-ol (2,3-DCP)	C-TM-069 using GC-MS
	Fatty Acid Esters of: 2-chloropropane-1,2-diol (2-MCPD-E) 3-chloropropane-1,2-diol (3-MCPD-E) Oxiran-2-ylmethanol (Gly-E)	C-TM-297 using pressurised liquid extraction and GC-MS/MS
	Ethanol	C-TM-105 using GC with aqueous extraction
	Energy Available Carbohydrate Salt (from Sodium) Starch	C-SM-015 by calculation
	Fat - total	C-TM-267 using NMR
	Iodine	C-TM-312 by ICP-MS using hot block digestion



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FOOD and FOOD PRODUCTS – unspecified (cont'd) (excluding meat)	<u>Chemical Tests</u> (cont'd) Furans: 2-Methyl Furan 3-Methyl Furan 2-Ethyl Furan 2,5-Dimethyl Furan Melamine Moisture content Sugars: Glucose Fructose Lactose Sucrose Vitamin C Niacin Nicotinamide Nicotinic acid Thiamin Vitamin B ₅ (Pantothenic Acid)	Documented In-House Methods C-TM-225 using headspace GC-MS C-TM-263 using LC-MS/MS C-TM-037 using oven drying following air/freeze drying C-TM-242 using ion chromatography with pulsed amperometric detection C-TM-023 by HPLC with detection by fluorescence C-TM-265 by LC-MS-MS C-TM-054 by HPLC with detection by fluorescence C-TM-306 by LC-MS/MS



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FOOD and FOOD PRODUCTS – unspecified (cont'd)	<u>Chemical Tests</u> (cont'd)	Documented In-House Methods
(including sauces and preserves)	Titratable acidity	C-TM-115 using titration
(including sauces and preserves)	Organic Acids (Citric, Malic, Tartaric, Isocitric)	C-TM-220 by IC/HPLC with detection by conductivity
(including sauces and preserves)	Preservative acids (Acetic and Propionic)	C-TM-266 by ion chromatography
(including sauces and preserves)	pH	C-TM-100 using pH meter and reference to manufacturers' instructions
(including sauces and preserves)	Sorbic and Benzoic Acids	C-TM-043 using GC
(including sauces and preserves)	Sulphur dioxide	C-TM-240 by distillation and ion chromatography
FRUITS AND VEGETABLES	Tin	C-TM-102 by ICP-OES
MEAT PRODUCTS	Estimation of Meat Content	C-TM-211 By calculation based on Stubbs & Moore using accredited values for protein, fat, moisture and ash
SOFT DRINKS, FRUIT JUICES, CONCENTRATES, PUREES, JAMS, SUGAR SYRUPS AND SAUCES	Brix	C-TM-094 by refractometer
SUGAR SYRUPS and HIGH WATER CONTENT PRODUCTS	Moisture	C-TM-035 using Vacuum oven drying
SWEETENER POWDERS, SUGAR/SWEETENER BLENDS and SOFT DRINKS	Rebaudioside A Stevioside	C-TM-280 by HPLC with UV detection
	Sucralose	C-TM-305 using Ion-Exchange Liquid Chromatography



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FOOD AND FOOD PRODUCTS, AND ENVIRONMENTAL SWABS	<u>Chemical Tests</u> (cont'd) <u>Allergens</u> Almonds Egg White Protein Gluten Soya Protein	Documented In-House Methods C-TM-234 using Ridascreen FAST Almond ELISA kit C-TM-246 using Biokits Egg Assay ELISA kit C-TM-210 using Ridascreen Gliadin ELISA kit C-TM-154 using ELISA Systems Soya Protein ELISA kit
COFFEE and COCOA PRODUCTS	<u>Mycotoxins</u> Ochratoxin A	Documented In-House Method BA-TM-24 using HPLC with detection by fluorescence
FRUIT JUICE and FRUIT PRODUCTS	<i>Alternaria</i> toxins	BA-TM-30 using HPLC-UV
FUNGAL BIOMASS PRODUCTION	Fusarins Trichothecenes in Fungal Biomass: 3 Acetyldeoxynivalenol 15 Acetyldeoxynivalenol Deoxynivalenol Diacetoxyscirpenol Fusarenone X HT2 Toxin Neosolaniol Nivalenol T2 Toxin T2 Triol	BA-TM-28 using HPLC-MS BA-TM-01 using GC/MS
MILK and MILK PRODUCTS	Aflatoxin M ₁	BA-TM-25 using HPLC with detection by fluorescence
OILS and FATS	Aflatoxin B ₁ B ₂ G ₁ G ₂ Ochratoxin A Zearalenone	BA-TM-14 using HPLC with detection by fluorescence



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OILS and FATS (cont'd)	<u>Chemical Tests</u> (cont'd) <u>Mycotoxins</u> (cont'd) Trichothecenes: 3 Acetyldeoxynivalenol 15 Acetyldeoxynivalenol Deoxynivalenol Diacetoxyscirpenol Fusarenone X HT2 Toxin Neosolaniol Nivalenol T2 Toxin T2 Triol	Documented In-House Methods BA-TM-06 using GC-MS
POTATO PRODUCTS	Glycoalkaloids	BA-TM-20 using HPLC
SUGAR SYRUPS	Trichothecenes: 3 Acetyldeoxynivalenol 15 Acetyldeoxynivalenol Deoxynivalenol Diacetoxyscirpenol Fusarenone X HT2 Toxin Neosolaniol Nivalenol T2 Toxin T2 Triol Aflatoxin B ₁ B ₂ G ₁ G ₂ Ochratoxin A Zearalenone	BA-TM-05 using GC-MS BA-TM-13 using HPLC with detection by fluorescence
FOOD, FOOD PRODUCTS and ANIMAL FEED - unspecified	Aflatoxin B ₁ B ₂ G ₁ G ₂ - general Citrinin Cyclopiazonic acid	BA-TM-10 using HPLC with detection by fluorescence BA-TM-19 using HPLC with detection by fluorescence BA-TM-29 using HPLC-UV
FOOD and FOOD PRODUCTS	Patulin	BA-TM-16 using HPLC-UV



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FOOD, FOOD PRODUCTS and ANIMAL FEED – unspecified (cont'd)	<u>Chemical Tests</u> (cont'd) <u>Mycotoxins</u> (cont'd) Ergot alkaloids - Ergometrine (ergonovine), ergocryptine, ergotamine, ergosine, ergocristine, ergocornine, ergometrinine, ergocryptinine, ergotaminine, ergosinine, ergocristinine, and ergocorninine Fumonisin B ₁ B ₂ B ₃ Moniliformin Ochratoxin A Sterigmatocystin Zearalenone	Documented In-House Methods BA-TM-33 using LC-MS/MS BA-TM-31 using LC-MS/MS BA-TM-26 using HPLC- UV BA-TM-15 using Immunoaffinity columns and HPLC with detection by fluorescence BA-TM-27 using HPLC with detection by fluorescence BA-TM-11 using HPLC with detection by fluorescence
FOODS, FOOD PRODUCTS and ANIMAL FEED - Low moisture samples only (Raw ingredients and finished product)	Trichothecenes 3 Acetyldeoxynivalenol 15 Acetyldeoxynivalenol Deoxynivalenol Diacetoxyscirpenol Fusarenone X HT2 Toxin Neosolaniol Nivalenol T2 Toxin T2 Triol	BA-TM-03 using GC-MS



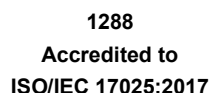
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CEREALS, CEREAL-BASED PRODUCTS and ANIMAL FEEDS	<u>Chemical Tests</u> (cont'd) <u>Mycotoxins</u> (cont'd) Aflatoxin B1,B2,G1,G2 Total Aflatoxin Deoxynivalenol Fumonisin B1,B2,B3 Total Fumonisin HT-2 toxin T-2 toxin Ochratoxin A Zearalenone <u>Molecular Tests</u>	Documented In-House Methods BA-TM-34 using immunoaffinity column clean up and LC-MS/MS
PASTA, COUS COUS, SEMOLINA	Detection and quantification of <i>Triticum aestivum</i> in <i>Triticum durum</i> (common wheat in durum wheat)	C-TM-264 using DNA extraction and real-time PCR
PROCESSED FOODS, including BURGER BUNS, VEGETABLE PUREES, PASTRY AND PIZZA BASES	The Cauliflower Mosaic Virus 35S promoter and the NOS terminator Quantitative determination of Monsanto MON 40-3-2 (Roundup Ready Soya) and Syngenta Bt176 maize	C-TM-195 using real time PCR C-TM-195 using real time PCR
FOOD and FOOD PRODUCTS – unspecified	The Cauliflower Mosaic Virus 35S promoter and the NOS terminator Qualitative determination of GM soya: Monsanto MON 40-3-2 (Roundup ready Soya) Bayer A2704-12, Bayer A5547-127, Monsanto MON 89788, Pioneer Hi Bred DP356043-5	C-TM-195 using real time PCR C-TM-195 using real time PCR



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Assessment Manager: CB7



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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
FOOD and FOOD PRODUCTS – unspecified (cont'd)	<u>Molecular Tests</u> (cont'd) Qualitative detection of meat species DNA: Beef, goat, horse, chicken, sheep, pig, turkey - Myostatin (meat marker DNA) Detection of Celery DNA Detection of DNA: Almond, pistachio, walnut, peanut, cashew, Brazil nut, hazelnut, pecan, sesame, macadamia nut, chestnut, coconut	Documented In-House Methods C-TM-283 using DNA extraction and real-time PCR C-TM-302 using DNA extraction and real-time PCR C-TM-310 using DNA extraction and real-time PCR
FOOD PRODUCTS, ANIMAL FEEDS, RAW INGREDIENTS, PACKAGING MATERIALS and HEALTH SUPPLEMENTS	<u>Analysis of Foreign Bodies</u> Analysis for the purposes of foreign body identification and associated investigations in to the source of the suspected foreign body Active Alkaline Phosphatase Enzyme α -Amylase Bone Blood Calcium Carbonate Cellulose Cell Wall Structures	Documented in house methods F-TM-01 and F-TM-02 in conjunction with (as appropriate) F-TM-24 using nitrophenol phosphate with visual determination of colour change F-TM-32 using visual determination of colour change F-TM-05 using X-ray analysis, compound microscopy and staining F-TM-27 visual determination of colour change using staining F-TM-30 using X-ray analysis and physical attributes F-TM-15 using compound microscopy and staining F-TM-28 using compound microscopy and staining



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FOOD PRODUCTS, ANIMAL FEEDS, RAW INGREDIENTS, PACKAGING MATERIALS and HEALTH SUPPLEMENTS (cont'd)	<u>Analysis of Foreign Bodies</u> (cont'd) Analysis for the purposes of foreign body identification and associated investigations in to the source of the suspected foreign body – (cont'd) Ceramics Crystalline Sugar Dental Amalgam Elastomers Fats and Oils Fibres Fungal Hyphae and Spores Glass (incl soda-lime glass) Lignin Metals Muscle Fibres Nail Clippings	Documented in house methods F-TM-01 and F-TM-02 in conjunction with (as appropriate) F-TM-25 using X-ray analysis and physical attributes F-TM-20 using X-ray analysis, Fourier transform infra-red spectroscopy (FTIR), compound microscopy and physical attributes F-TM-17 using X-ray analysis and physical attributes F-TM-21 by X-ray analysis and physical attributes F-TM-06 using compound microscopy and staining F-TM-04 using X-ray analysis and compound microscopy F-TM-31 using compound microscopy F-TM-03 and F-TM-03a using X-ray analysis and physical attributes F-TM-07 using compound microscopy and staining F-TM-22 using X-ray analysis and physical attributes F-TM-14 using compound microscopy and staining F-TM-19 using Fourier transform infra-red spectroscopy (FTIR) and physical attributes



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FOOD PRODUCTS, ANIMAL FEEDS, RAW INGREDIENTS, PACKAGING MATERIALS and HEALTH SUPPLEMENTS (cont'd)	<u>Analysis of Foreign Bodies</u> (cont'd) Analysis for the purposes of foreign body identification and associated investigations in to the source of the suspected foreign body – (cont'd) Plastics Protein Rodent Droppings Salt Silica and Silicate Minerals Starch Struvite Stone Cells Tooth Wood	Documented in house methods F-TM-01 and F-TM-02 in conjunction with (as appropriate) F-TM-18 using Fourier transform infra-red spectroscopy (FTIR) F-TM-09 using compound microscopy and staining F-TM-10 using compound microscopy and physical attributes F-TM-11 using X-ray analysis and physical attributes F-TM-08 using X-ray analysis and physical attributes F-TM-12 using compound microscopy and staining F-TM-16 using X-ray analysis and physical attributes F-TM-23 using compound microscopy and staining F-TM-26 using X-ray analysis and physical attributes F-TM-13 using compound microscopy, staining and physical attributes
END		