


Schedule of Accreditation

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United Kingdom Accreditation Service

21 - 47 High Street, Feltham, Middlesex, TW13 4UN, UK

 <p>Accredited to ISO/IEC 17025:2005</p>	EXOVA (UK) LIMITED	
	Issue No: 063 Issue date: 01 February 2012	
	121 Shady Lane Great Barr Birmingham West Midlands B44 9ET	Contact: Mr E Dix Tel: +44 (0)121 251 4206 Fax: +44 (0)121 251 4040 E-Mail: eddie.dix@exova.com info@exova.com Website: www.exova.com
Testing performed by the Organisation at the locations specified below		

Locations covered by the organisation and their relevant activities

Laboratory locations:

Location details	Activity	Location code
Address 121 Shady Lane Great Barr Birmingham West Midlands B44 9ET	Local contact Mr E Dix Tel: +44 (0)121 251 4206 Fax: +44 (0)121 251 4040 Email: eddie.dix@exova.com	Testing: Chemical Physical Microbiological (Foods and Waters)
Address Unit 8 Junction 4 Development Doman Road Camberley Surrey GU15 3LB	Local contact Mr S Hughes Tel: +44 (0)1276 686575 Fax: +44 (0)121 251 4040 Email: sam.hughes@exova.com	Testing: Microbiological (Waters)
Address 70 Montrose Avenue Hillington Park Glasgow G52 4LA	Local contact Mr C Potter Tel: +44 (0)141 941 2022 Fax: +44 (0)141 952 7099 Email: christopher.potter@exova.com	Testing: Microbiological (Waters)



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DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
FOODS	<u>Chemical and Physical Tests</u>	Documented In-House Methods	
Food and Beverages	Alcohol	AM 065 using GC, based on AOAC Official Method of Analysis 1990 and JOAC 66, 1152 (1983)	A
Foodstuffs	Total acidity (0.01 - 10% w/w)	AM 066 using titration	A
Food and Beverages	Benzene in soft and alcoholic drinks	OM 128-45 using GCMS	A
Foodstuffs	Allergens and Histamine	1) AM 189 for detection of Histamine, gluten, peanut and casein in specified food products	A
		2) Generic procedure AM189 to support the detection of additional allergens using commercial Immunoassay (ELISA) kits and flexible scope process	A
Foodstuffs	Ash	AM 007 based on BS 4401:Part 1:1998 using Furnace Ashing	A
Foodstuffs	Determination of ash by microwave ashing	AM 115 based on Microwave Ashing System	A
Foodstuffs which Contain Butterfat as a Characterising Ingredient	Butterfat	AM 003 Determination of butyric acid content of extracted fat using gas liquid chromatography	A
Foodstuffs	Determination of: Total Energy Values Total Carbohydrate (by difference) Apparent meat content Apparent fish content Added water in Cured Meat Products Total solids (from Moisture) Fat in dry matter (Cheese) Collagen (Meat products) Collagen to Protein Ratio	SOP 076 by calculation from analytical data	A



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FOODS (cont'd)	<u>Chemical and Physical Tests</u> (cont'd)		
Foodstuffs (cont'd)	Determination of: (cont'd)		
	Excess fat and excess connective tissue (EC definition of meat) Meat content (EC Definition) Aqueous salt (Fish and Meat) Water to Protein Ratio (Poultry)		A
Foodstuffs	Dietary fibre	AM 016 using Englyst method, Fibrezym Kit	A
Foodstuffs	Total dietary fibre	AM 153 Total Dietary Fibre, AOAC Official Methods of Analysis 1996, Method 991.43	A
Foodstuffs	Fat (Total Fat)	AM 012 Total fat determination using Acid Hydrolysis and solvent extraction	A
Foodstuffs	Fat (Total Fat)	AM195 by NMR using CEM Smart Trac rapid fat analysis system	A
Foodstuffs	Fatty acids - cis and trans and high chain length	AM 046 using Gas Chromatographic separation of Methyl Esters from 4 to 24 carbon atoms	A
Oils and Fats	Acid value and free fatty acids	AM 049 based on BS EN ISO 660:2009 by titration	A
Meat and Meat Products	L-Hydroxyproline (0.05 - 1.0% w/w)	AM 063 based on BS 4401 Part 11:1995	A
	Qualitative determination of Meat Species in cooked and un-cooked meat and meat products	AM 136 based on Meat Species Identification Kit (ELISA)	A



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FOODS (cont'd)	<u>Chemical and Physical Tests</u> (cont'd)		
Foodstuffs	Metals: Arsenic, Cadmium, Calcium, Chromium, Copper, Iron, Lead, Magnesium, Mercury, Nickel, Tin, Zinc	AM245/IHM/C by ICP-OES after Automated wet digestion and against criteria specified in EU Regulation 333/2007	A
Foodstuffs	Moisture	1) AM 004 using oven drying 2) AM 188 Moisture in food using CEM Smart System Analyser	A A
Cheese Meats and Meat Products	Nitrate and Nitrite	AM 038 using visible spectrophotometry determination after pre-treatment, based on BS 4401 Part 7:1996 and BS 4401 Part 8:1976	A
Foodstuffs	Nitrogen/Protein	AM 081 using LECO Nitrogen Analyser	A
Milk Chocolate Products	Orotic acid used to calculate skimmed milk solids (0.5 - 24%)	AM 076 using aqueous extraction and UV spectroscopy	A
Food and Beverages	pH	AM 096 using a pH meter	A
Oils and Fats	Peroxide value	AM 048 based on BS EN ISO using titration	A
Apple Juice, Concentrates and Drinks containing - excluding baby foods and foods for infants and young children	Patulin	AM 150 by HPLC	A
Cereals and Dried Fruit - excluding baby foods and foods for infants and young children	Ochratoxin	AM 175 by HPLC	A



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FOODS (cont'd)	<u>Chemical and Physical Tests</u> (cont'd)		
Cereals, Nuts and Nut Products - excluding baby foods and foods for infants and young children	Aflatoxin B1, B2, G1, G2 and Total	AM 174 by HPLC	A
Fruit and Vegetables	Pesticide residues: dithiocarbamate residues (0.05 - 20 mg/kg)	AM 082 based on liberation of carbon disulphide with mass spectrometry (GC-MS) detection	A
Vegetables, fruits and cereals	Pesticide residues - detection, quantification and confirmation including: Chlormequat Fosetyl aluminium Mepiquat	AM 190 using acidic methanol extraction with Liquid Chromatography triple quadrupole Mass Spectrometry	A
Fruits and Vegetables	Pesticide residues - detection, quantification and confirmation of: Ethephon	AM 190 using acidic methanol extraction with Liquid Chromatography triple quadrupole Mass Spectrometry	A
Bulb, Root and Tuber Vegetables	Pesticide residues - detection, quantification and confirmation of: Maleic hydrazide	AM 190 using acidic methanol extraction with Liquid Chromatography triple quadrupole Mass Spectrometry	A
Foodstuffs containing <20% fat/oil	Pesticide residues - validation of the detection, quantification and confirmation of further pesticide compounds not covered by the list below	Generic method AM 186 using QuEChERS extraction with concurrent Gas and Liquid Chromatography Tandem Mass Spectrometry (both GC-MS/MS and LC-MS/MS)	A
Foodstuffs containing <20% fat/oil	Pesticide residues - detection, quantification and confirmation including: 2,4-D 2-phenylphenol 3-hydroxy carbofuran Abamectin Acephate Acetamiprid Aclonifen Acibenzolar-S-methyl	AM 186 using QuEChERS extraction with concurrent Gas and Liquid Chromatography Tandem Mass Spectrometry (both GC-MS/MS and LC-MS/MS)	A



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<p>FOODS (cont'd)</p> <p>Foodstuffs containing <20% fat/oil (cont'd)</p>	<p><u>Chemical and Physical Tests</u> (cont'd)</p> <p>Pesticide residues - detection, quantification and confirmation including: (cont'd)</p> <p>Acrinathrin Alachlor Aldicarb Aldicarb - sulphone Aldicarb - sulphoxide Aldrin Aminocarb Amitraz + metabolite Asulam Atrazine Azaconazole Azinphos ethyl Azinphos methyl Azoxystrobin Benalaxyl Bendiocarb Benfuracarb Benthiavalicarb 6-benzyladenine (6-benzoaminopurine) Bifenazate Bifenthrin Biphenyl Bitertanol Boscalid Bromacil Bromophos (Bromophos methyl) Bromophos-ethyl Bromopropylate Bromoxynil Bromuconazole Bupirimate Buprofezin Butocarboxim Butocarboxim - sulfoxide Butoxycarboxim Cadusafos Carbaryl</p>		<p>A</p>



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FOODS (cont'd) Foodstuffs containing <20% fat/oil (cont'd)	<u>Chemical and Physical Tests</u> (cont'd) Pesticide residues - detection, quantification and confirmation including: (cont'd) Carbendazim Carbofuran Carbophenothion Carbosulfan Carfentrazone-ethyl Captan Chinomethionat quinomethionate Chlordane Chlordecone Chlorfenapyr Chlorfenvinphos E isomer Chlorfenvinphos Z isomer Chlorfluazuron Chlorobenzilate Chlorothalonil Chlorpropham Chlorpyrifos Chlorpyrifos methyl Chlorthal dimethyl Chlortoluron Chlozolate Clethodim Clofentezine Clomazone Clothianidin Coumaphos Cyanazine Cyazofamid Cycloxydim Cyfluthrin Cyfluthrin II Cyfluthrin III Cyfluthrin IV Cymoxanil Cypermethrin I (alpha) Cypermethrin II (beta) Cypermethrin III (theta) Cypermethrin IV (zeta)		A



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FOODS (cont'd) Foodstuffs containing <20% fat/oil (cont'd)	<u>Chemical and Physical Tests</u> (cont'd) Pesticide residues - detection, quantification and confirmation including: (cont'd) Cyproconazole Cyprodinil Cyromazine DDD 2,4- DDD 4,4- DDE 2,4- DDE 4,4- DDT 2,4- DDT 4,4- Daminozide Deltamethrin Demeton S methyl Demeton S methyl Sulphone Demeton S methyl Sulphoxide (Oxydemeton-S-methyl) Desmedipham Diafenthiuron Diazinon Dichlofluanid Dichlorvos Dicloran Dicofol (as dichlorobenzophenone) Dicrotophos Dieldrin Diethofencarb Difenoconazole Diflubenzuron Diflufenican Dimethenamid Dimethoate Dimethomorph Dimoxystrobin Diniconazole Dinobuton DINOCAP Dinotefuran Dioxathion Diphenylamine Disulfloton		A



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FOODS (cont'd) Foodstuffs containing <20% fat/oil (cont'd)	<u>Chemical and Physical Tests</u> (cont'd) Pesticide residues - detection, quantification and confirmation including: (cont'd) Disulfoton - sulphone Ditalimfos Dithianon Diuron DMST Dodemorph Dodine Emamectin Endosulfan - alpha Endosulfan - beta Endosulfan Sulphate Endrin EPN Epoxiconazole Ethion Ethiprole Ethirimol Ethofumesate Ethoprophos Ethoxyquin Etofenprox Etoxazole Etridiazole Etrimfos Famoxadone Fenamidone Fenamiphos Fenarimol Fenaziquin Fenbuconazole Fenhexamid Fenitrothion Fenoxycarb Fenpropidin Fenpropimorph Fenproprathrin Fenpyroximate Fenthion Fenthion sulfoxide		A



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FOODS (cont'd) Foodstuffs containing <20% fat/oil (cont'd)	<u>Chemical and Physical Tests</u> (cont'd) Pesticide residues - detection, quantification and confirmation including: (cont'd) Fenvalerate Fenvalerate es Fipronil Flonicamid Fluazifop butyl Fluazinam Fludioxonil Flufenacet Flufenoxuron Fluopicolide Fluorchloridone Fluoxastrobin Fluquinconazole Flurtamone Flusilazole Flutolonil Flutriafol Tau-Fluvalinate Folpet Fonophos Forchlorfenuron Formetenate Formothion Fozthiazate Furalaxyl Furathiocarb Haloxyfop Haloxyfop - methyl HCH - alpha HCH - beta HCH - delta Heptachlor Heptachlor cis Heptenophos Hexachlorobenzene Hexaconazole Hexaflumuron Hexythiazox Imazalil Imidacloprid		A



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FOODS (cont'd) Foodstuffs containing <20% fat/oil (cont'd)	<u>Chemical and Physical Tests</u> (cont'd) Pesticide residues - detection, quantification and confirmation including: (cont'd) Indoxacarb Ioxynil Iprodione Iprovalicarb Isazophos Isocarbophos Isofenphos Isofenphos - methyl Isoprothiolane Isoproturon Kresoxim - methyl lambda Cyhalothrin Lenacil Lindane HCH - gamma Linuron Lufenuron Malathion Mandipropamid Mecarbam Mepanipyrim Mephosfolan Mepronil Metalaxyl Metamitron Methacrifos Methamidophos Methidathion Methiocarb Methomyl Methoxychlor Methoxyfenozide Metolachlor Metolcarb Metrafenone Metribuzin Mevinphos Molinate Monocrotophos Myclobutanil		A



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FOODS (cont'd) Foodstuffs containing <20% fat/oil (cont'd)	<u>Chemical and Physical Tests</u> (cont'd) Pesticide residues - detection, quantification and confirmation including: (cont'd) 1-naphthylacetamide (NAD) Natamycin Nicotine Nitenpyram Ofurace Omethoate Oxadixyl Oxamyl Oxyfluorofen Paclobutrazole Parathion ethyl Parathion methyl Penconazole Pencycuron Pendimethalin Permethrin I (cis) Permethrin II (trans) Phenthoate Phorate Phorate sulfone Phosalone Phosmet Phosphamidon Phoxim Picoxystrobin Piperonyl butoxide Pirimicarb Pirimiphos ethyl Pirimiphos methyl Prochloraz Procymidone Profenofos Prometryn Propachlor Propamocarb Propanil Propaquizafop Propargite Propetamiphos Propiconazole		A



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FOODS (cont'd) Foodstuffs containing <20% fat/oil (cont'd)	<u>Chemical and Physical Tests</u> (cont'd) Pesticide residues - detection, quantification and confirmation including: (cont'd) Propoxur Propyzamide Prothioconazole Prothiophos Pymetrozine Pyraclastrobin Pyrazaphos Pyrethrins (sum) Pyridaben Pyridaphenthion Pyrifenox e isomer Pyrifenox z isomer Pyrimethanil Pyriproxyfen Quinalphos Quinoxifen Quintozene Resmethrin-cis Resmethrin-trans Rotenone Sethoxydim Simazine Spinosad - Spinosyn A Spinosad - Spinosyn D Spirodiclofen Spiromesifen Spiroxamine Sulfotep Tebuconazole Tebufenazide Tebufenpyrad Tebupirimfos Tecnazene Teflubenzuron Tefluthrin Tepraloxydim Terbacil Terbufos Terbutylazine		A



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FOODS (cont'd) Foodstuffs containing <20% fat/oil (cont'd)	<u>Chemical and Physical Tests</u> (cont'd) Pesticide residues - detection, quantification and confirmation including: (cont'd) Terbutryn Tetrachlorvinphos Tetraconazole Tetradifon Tetramethrin Tetramethrin I Tetramethrin II Thiabendazole Thiacloprid Thiamethoxam Thiodicarb Thiometon Thiophanate-methyl Thymol Tolclofos-methyl Tolyfluanid Triadimefon Triadimenol Triazophos Triazoxide Trichlorfon Tridemorph Trifloxystrobin Triflumizole Trifluralin Triticonazole Vamidothion Vinclozolin Zoxamide		A
Foodstuffs Beverages	Preservative and sweeteners Benzoic acid Sorbic acid Aspartame Acesulfame k Saccharin	AM 041 determined using reverse phase HPLC	A



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FOODS (cont'd)	<u>Chemical and Physical Tests</u> (cont'd)		
Foodstuffs	Caffeine	AM 041 determined using reverse phase HPLC	A
Foodstuffs (Solids)	Benzoic acid (5-200 mg/l) Sorbic acid (5-200 mg/l)	AM 042 using HPLC	A
Foodstuffs	Salt as Sodium Chloride	1) AM 118 by potentiometric titration using manual technique 2) AM 163 by potentiometric titration using automated	A A
Foodstuffs	Sugars: fructose glucose sucrose lactose maltose	AM 034 using HPLC with electrochemical detection after extraction	A
Food and Beverages	Total sugar content	AM 095 determination of refractometer solids/brix	A
Foodstuffs	Sulphur dioxide	AM 035 using Steam distillation, trapping in hydrogen peroxide and titration using sodium hydroxide	A
Chocolate and Cocoa Products	Theobromine used to calculate dry non-fat cocoa solids (0.5 - 30%)	AM 077 using HPLC	A
Foodstuffs	Sodium	AM 212 using automated wet digestion technique and flame photometry	A
Foodstuffs including vitamin supplements, fats and oils	Fat soluble Vitamins A, D and E	AM 242 using HPLC	A
Foodstuffs, soft drinks and vitamin preparations	Vitamin C	AM 145 using HPLC	A
Salad crops	Inorganic Bromide	AM 103 using HPLC-UV	A
Foodstuffs	Water Activity	AM 198 using water activity meter	A



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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
FOODS and FOOD PRODUCTS	<u>Microbiological Tests</u>	Documented In-House Methods with specific client requirements detailed in SOP 309	
	Enumeration of:		
	<i>Bacillus cereus</i>	AM 027 on BS EN ISO 7932:2004 with in-house confirmation	A
	<i>Clostridium perfringens</i> , presumptive and confirmed	AM 023 based on BS EN ISO 7937:2004	A
	Coliforms, presumptive and confirmed	AM 014 based on BS ISO 4832:2006	A
	Enterobacteriaceae, presumptive and confirmed	AM 019 based on BS ISO 21528-2:2004	A
	<i>Escherichia coli</i>	AM 017 by surface spread on cellulose acetate and differentiation by indole production, based on BS 5763-13:1998	A
	β -glucuronidase positive <i>Escherichia coli</i>	AM 171 based on BS ISO 16649-2:2004	A
	Faecal streptococci, presumptive	AM 021 based on BS 4285 Section 3.11:1985	A
	Lactic acid bacteria at 30°C	AM 026 based on BS ISO 15214:1998	A
	Mesophilic aerobes	AM 013 based on BS EN ISO 4833:2003	A
	Mesophilic anaerobes	AM 024 by pour plate using Reinforced Clostridial Agar	A
	Mesophilic aerobic spores	AM 031 using the heat shock technique and the pour plate technique on Plate Count Agar	A
Mesophilic anaerobic spores	AM 029 using the heat shock technique and the pour plate technique on Reinforced Clostridial Agar	A	
<i>Pseudomonas</i> spp, presumptive	AM 020 based on BS EN ISO 13720:2010	A	



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FOODS and FOOD PRODUCTS (cont'd)	<u>Microbiological Tests</u> (cont'd)		
	Enumeration of: (cont'd)		
	Coagulase positive staphylococci including <i>Staphylococcus aureus</i>	AM 018 by spread plate on Baird-Parker Agar, based on BS EN ISO 6888-1:1999	A
	<i>Listeria</i> spp and species identification	AM 058 based on BS EN ISO 11290-2:1998 A1:2004	A
	Yeasts and moulds	AM 015 Based on BS ISO 21527-1:2008	A
Meat and Dairy only	<u>Microbiological Tests</u>		
	Enumeration of:	Documented In-House Methods with specific client requirements detailed in SOP 309	
	<i>Campylobacter</i> spp (thermotolerant)	AM 243 at 41.5 °C based on DD ISO/TS 10272-2:2006	A
FOODS and FOOD PRODUCTS	<u>Microbiological Tests</u>		
	Detection of:	Documented In-House Methods with specific client requirements detailed in SOP 309	
	<i>Campylobacter</i> spp (thermotolerant)	AM 137 using selective enrichment culture at 37 °C and microaerophilic selective plating at 41.5 °C, based on BS 5763-17:1996	A
	<i>Escherichia coli</i> O157	AM 069 based on BS EN ISO 16654:2001	A
	<i>Listeria</i> spp, particularly <i>L. monocytogenes</i>	AM 192 using selective enrichment and inoculation onto selective media, based on BS EN ISO 11290-1:1997 A1:2004	A
	<i>Listeria</i> spp	BGM002 using RayAI DSX ELISA system and biochemical confirmation with Microbact 12L	A
	<i>Salmonella</i> spp	AM 025 based on ISO 6579:2002 A1:2007	A



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FOODS and FOOD PRODUCTS (cont'd)	<u>Microbiological Tests</u> (cont'd) Detection of: (cont'd) <i>Salmonella</i> spp	Documented In-House Methods with specific client requirements detailed in SOP 309 (cont'd) BGM001 using RayAI DSX ELISA system and biochemical confirmation with API 20E.	A
	<i>Vibrio parahaemolyticus</i> and <i>Vibrio cholerae</i>	AM 094 based on DD ISO TS 21872-1:2007	A
ENVIRONMENTAL SWABS AND HAND SWABS	<u>Microbiological Tests</u> Mesophilic aerobes	Using GMSOP 001 for sample preparation AM 013 based on BS EN ISO 4833:2003	A
	Presumptive coliforms	AM 014 based on BS ISO 4832:2006	A
	Presumptive Enterobacteriaceae	AM 019 based on BS ISO 21528-2:2004	A
	<i>Pseudomonas</i> species	AM 020 based on BS 7857-1:1996	A
	Coagulase positive staphylococci including <i>Staphylococcus aureus</i>	AM 018 based on BS EN ISO 6888-1:1999	A
	β -glucuronidase positive <i>Escherichia coli</i>	AM 171 based on BS ISO 16649-2:2004	A
	<i>Salmonella</i> species	AM 025 based on ISO 6579:2002 A1:2007	A
ENVIRONMENTAL WATERS	<u>Microbiological Tests</u> Enumeration of:	Documented In-house Methods	
Potable and non-potable	Coliforms, Total	AM 149 based on IDEXX Quanti-Tray Procedure The Microbiology of Drinking Water Part 4D (2009), Environment Agency	A, B, C



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	Enumeration of: (cont'd)		
	<i>Escherichia coli</i>	AM 149 based on IDEXX Quanti-Tray Procedure The Microbiology of Drinking Water Part 4D (2009), Environment Agency	A, B, C
	Total aerobic colony count: 37 °C, 30 °C and 22 °C	AM 071 based on BS 6068 Section 4.5:1989 The Microbiology of Drinking Water Part 7 (2007), Environment Agency	A, B, C
	Faecal streptococci (Enterococci)	AM 089 by membrane filtration The Microbiology of Drinking Water Part 5 (2010), Environment Agency	A, B, C
	Sulphite-reducing Clostridia including <i>Clostridium perfringens</i>	AM 169 by membrane filtration The Microbiology of Drinking Water Part 6 (2010), Environment Agency	A, B, C
	Pseudomonas species	AM 088 using membrane filtration with CFC Agar and incubation at 25 °C	A, B, C
Non potable and Environmental waters	<i>Pseudomonas aeruginosa</i>	AM 088 using membrane filtration with CFC Agar and incubation at 37 °C	A, B, C
	Isolation and enumeration of Legionella species and <i>Legionella pneumophila</i> serogroups 1-14	AM 067 using filtration for clean waters or centrifugation, selective media and latex agglutination based on BS 6068 4-12 1988	A, B, C
NON-FOOD PRODUCTS	<u>Microbiological Tests</u>		
Cosmetics, Shampoos and Detergents	Enumeration of:		
	<i>Pseudomonas</i> spp at 35 °C	AM 110 using diluent with suitable inactivators, spread plated onto Pseudomonas FC agar based on British Pharmacopoeia 2007	A



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EXOVA (UK) LIMITED

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Testing performed by the Organisation at the locations specified

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
NON-FOOD PRODUCTS (cont'd)	<u>Microbiological Tests</u> (cont'd)		
Cosmetics, Shampoos and Detergents (cont'd)	Enumeration of: (cont'd)		
	Coagulase Positive <i>Staphylococcus aureus</i> at 37 °C	AM 111 using diluent with suitable inactivators, spread plated onto Baird Parker Agar based on British Pharmacopoeia 2004	A
	Total Viable Aerobic Count at 35 °C	AM 109 using diluent containing suitable inactivators to preservatives used and Tryptone Soya agar, based on British Pharmacopoeia 2007	A
	Yeast and Mould count at 25 °C	AM 112 using diluent containing suitable inactivators to preservatives used and SDA, based on British Pharmacopoeia 2004	A
CONSUMER PRODUCTS (NON FOODS)	<u>Chemical and Physical Tests</u>	Documented In-House Methods	
Plastic Materials in Contact with Foods	Overall migration from plastic materials into aqueous food simulants A, B, C and D by total immersion or article filling	MT 39/01 based on BS EN 1186:2002, Parts 1, 3, 5, 7 and 9	A
Detergent Products	Anionic active matter	AM 102 based on BS 3762:1990 using titration against a standard solution of cationic detergent	A
	Determination of total and active alkalinity in washing powders	AM 124 by titration	A
	Anionic active matter in the presence of amphoteric surfactants	AM 099 using titration in alkaline conditions against a standard solution of cationic detergent	A
	Cationic active matter (0.1-90 % w/w)	AM 098 based on BS 3762:1986 using titration against a standard solution of anionic detergent	A



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CONSUMER PRODUCTS (NON FOODS) (cont'd)	<u>Chemical and Physical Tests</u> (cont'd)	Documented In-House Methods	
Detergent Products (cont'd)	Determination of available chlorine in sterilising tablets and bleach	AM 125 by titration	A
	Non-ionic active matter	AM 100 based on BS 3762:1986 using gravimetric analysis after extraction with alcohol and ion exchange resin	A
	Determination of available oxygen in washing powders and tablets and dishwasher tablets	AM 126 by titration	A
	pH	AM 097 using a pH meter	A
	Determination of total phosphate in dishwasher tablets and washing powders	AM 127 by spectrophotometer	A
	Determination of fluoride in toothpaste and mouthwash products	AM 132 by ISE	A
Liquid Non-Food Samples	Viscosity	AM 113 by Viscometer	A
	pH	AM 097 by pH meter	A
	Determination of total solids and moisture in non-food products	AM 123 by oven drying	A
	Determination of refractometer solids and Brix	AM 122 by refractometer	A
	Determination of total acidity in non-food products	AM 121 by alkaline titration	A
	Determination of alcohol in consumer products	AM 065 using gas chromatography	A
END			