

Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 Accredited to ISO/IEC 17025:2017	Central Laboratories Department Sharjah Municipality	
	Issue No: 041 Issue date: 30 October 2024	
	PO Box 22 Sharjah United Arab Emirates	Contact: Dr Najla Ali Al Mulla Tel: + 971-6-5060 1303 Fax: + 971-6-5650 612 E-Mail: najla.ali@shjmun.gov.ae Website: www.shjmun.gov.ae
Testing performed at the above address only		

Departments performing testing are identified by department code

Departments:	Local Contacts:	Activity	Department code
Food Lab Section Address Sharjah City Municipality - Shaikh Sultan Bin Saqr Al Qasimi St - Al Nasiriyah - Sharjah.	Mariam Ahmed Al Ali, Head of the Food Laboratory Department mariam.alali@shjmun.gov.ae 06/5068300	Food and Water Testing Microbiology and Chemsitry	FLS
Environment and Consumer Products Lab Section Address Sharjah City Municipality - Shaikh Sultan Bin Saqr Al Qasimi St - Al Nasiriyah - Sharjah.	Hessa Abdulla Alsouqi, Head of the Environmental and Consumables Laboratory Department h.alsouqi@shjmun.gov.ae 06/5068366	Environmental SampleTesting Chemistry and Microbiology	ECPLS
Construction Materials Section Address 8C59+MH3 – Maleha St – Industrial Area 3 – Industrial Area – Sharjah.	Aisha Mohammad Al Sari, Head of Construction Materials Laboratory Section aisha.mohammad@shjmun.gov.ae 06/5146749	Construction Materials Testing	CMLS
Veterinary Lab Section Address Animal Market – Al Jubail - Sharjah.	Dana Hisham Aljneibi, Head of Veterinary Laboratory Section dana.aljneibi@shjmun.gov.ae 06/5068329	Veterinary Sample Microbiology Testing	VLS



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DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Department Code
FOODS & FOODSTUFFS	<u>Chemical Tests</u>	Documented In-House Methods identified by Method Number based on Standard Methods where indicated	
Beverages, non-alcoholic	Acesulfame-K, Aspartame, Benzoic acid, Saccharin, Sorbic acid, Caffeine	C/16 using High Performance Liquid Chromatography (HPLC)	FLS
	Ethanol	C/07 using Gas Chromatography - Mass Spectrometry (GC-MS)	FLS
Honey	Hydroxymethylfurfural	C/19 using High Performance Liquid Chromatography-Diode Array Detector (HPLC-DAD)	FLS
	Sugars: Glucose Fructose Sucrose	C/05 using High Performance Liquid Chromatography (HPLC)	FLS
Nuts	Aflatoxin (as total aflatoxin)	C/13 by Fluorimetric determination after immuno-affinity column clean-up	FLS
Chilli Powder	Aflatoxin (as total aflatoxin)	C/26 by Fluorimetric determination after immuno-affinity column clean-up Using the Vicam 4 fluorimeter	FLS



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FOODS & FOODSTUFFS (cont'd)	<u>Chemical Tests</u> (cont'd)	Documented In-House Methods identified by Method Number based on Standard Methods where indicated	
Oils and Fats	Acid Value, Free Fatty Acid (FFA)	C/01 by titration	FLS
	Fatty acid composition	C/12 using GC with FID	FLS
	Caproic C6 Caprylic C8 Capric C10 Lauric C12 Myristic C14 Myristoleic C14:1 Palmitic C16:0 Palmitoleic cis C16:1 Palmitoleic trans C16:1 Stearic C18:0 Oleic trans C18:1 Oleic cis-9 C18:1 Oleic cis-7 C18:1 Linoleic cis, cis C18:2 Linoleic trans, trans C18:2 Linoleic cis, cis, cis C18:3 Arachidonic C:20:0 Gadoleic C20:1 Behenic C22:0 Erucic C22:1		
	Iodine value	C/04 by titration based on Pearson's Composition and Analysis of Foods 1991	FLS
Tonic Drinks	Quinine	C/24 using High Performance Liquid Chromatography (HPLC)	FLS
Juice and Drinks	Citric Acid	C/25 by HPLC with diode array detection	FLS
Fruit juice	Sucrose	C/29 The determination of sucrose by HPLC with RI detection	FLS



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FOODS & FOODSTUFFS (cont'd)	<u>Chemical Tests</u> (cont'd)	Documented In-House Methods identified by Method Number based on Standard Methods where indicated	
Wheat	Ochratoxin A	C/30 The determination of Ochratoxin A using Immunoaffinity column extraction followed by Vicam fluorimeter.	FLS
Figs	Total Aflatoxin	C/31 The determination of total aflatoxin using Immunoaffinity column extraction followed by Vicam fluorimeter.	FLS
Cereals and cereal products	Nitrogen	C/28 Total nitrogen in wheat and wheat products by Skalar Primacs SNC100 Dumas analyser	FLS
Cereals and cereal products	Crude Protein (N x Factor)	By Calculation	FLS
Sante Commodity group 5. High starch and or protein content and low water and fat content (Cereals)	Pesticides: see appendix for specific pesticides tested using this method	CPA/33 Determination of pesticide residues by LCMSMS	FLS
Sante Commodity group 5. High starch and or protein content and low water and fat content (Cereals)	Pesticides: see appendix for specific pesticides tested using this method	CPA/34 Determination of pesticide residues by GCMSMS	FLS



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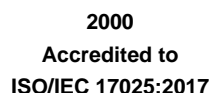
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FOODS & FOODSTUFFS (cont'd) - Beverages, fruit juice - Cereals and cereal products - Chocolate and candy products - Egg, egg products - Fish and Shellfish - Infants, children and dietetic food - Ingredients for food industries - Meat, Poultry and its products - Milk and Dairy products - Nuts - Ready to eat foods - Vegetables and fruits	<u>Microbiological Tests</u>	Documented In-House Methods identified by Method Number based on Standard Methods where indicated	
	Enumeration of:		
	Coagulase positive staphylococci including <i>Staphylococcus aureus</i>	M/01 based on ISO 6888-1:2021+AMD1:2023 with confirmation using Staphylase and API or VITEK2	FLS
	Coliforms	M/03 by MPN using MacConkey broth followed by confirmation using BGGB at 37°C	FLS
	Faecal coliforms/ <i>Escherichia coli</i>	M/03 by MPN using MacConkey broth followed by confirmation using BGGB and TW at 44°C	FLS
	Aerobic Colony Count	1) M/04 based on ISO 4833-2:2013+AMD1:2022 2) M/04A Using BioMérieux automative system TEMPO® AC method	FLS FLS
	<i>Enterobacteriaceae</i>	M/08 Using BioMérieux automative system TEMPO® EB method	FLS
	<i>Enumeration of: E.coli and Coliforms</i>	M/03A Enumeration of <i>Escherichia coli</i> and Coliform by the Colony Count Technique	FLS



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<p>FOODS & FOODSTUFFS (cont'd)</p> <ul style="list-style-type: none"> - Beverages, fruit juice - Cereals and cereal products - Chocolate and candy products - Egg, egg products - Fish and Shellfish - Infants, children and dietetic food - Ingredients for food industries - Meat, Poultry and its products - Milk and Dairy products - Nuts - Ready to eat foods - Vegetables and fruits 	<p><u>Microbiological Tests</u> (cont'd)</p> <p>Detection of:</p> <p><i>Salmonella</i> spp</p> <p><i>Listeria monocytogenes</i></p>	<p>Documented In-House Methods identified by Method Number based on Standard Methods where indicated</p> <p>1) M/02 based on ISO Method 6579-1:2017+A1:2020 with confirmation by API or VITEK2 and serology</p> <p>2) M/02B Detection of <i>Salmonella</i> spp. in Foods Using VIDAS SPT with confirmation by XLD/mBGA, oxidase API or VITEK2 and serology</p> <p>M/09 Detection of <i>Listeria monocytogenes</i> by Using VIDAS LMX</p>	<p>FLS</p> <p>FLS</p> <p>FLS</p>
WATERS	<u>Chemical Tests</u>		
Raw, potable and bottled	Chloride	C/02 by titration	FLS
Raw, potable and bottled	Total hardness	C/03 by titration based on APHA 2012, 22 nd Edition 2340-C	FLS
Bottled	Chloride	C/17 by potentiometric titration	FLS
Potable and bottled	Bromate	C/21 using Ion Chromotography	FLS
	Total Hardness	C/18 by potentiometric titration	FLS



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WATERS (cont'd)	<u>Chemical Tests</u> (cont'd)	Documented In-House Methods identified by Method Number based on Standard Methods where indicated	
Bottled Potable	<u>Metals</u> (dissolved and total): Beryllium Sodium Magnesium Potassium Calcium Aluminium Vanadium Chromium Manganese Iron Cobalt Nickel Copper Zinc Arsenic Molybdenum Selenium Cadmium Antimony Barium Lead Uranium Strontium Silver Mercury	C/20 by ICP-MS	FLS
Potable, mains and bottled	Sodium Magnesium Potassium Calcium Manganese Iron Copper Zinc Lead	C/22 by ICP-OES	FLS



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WATERS (cont'd)	<u>Chemical Tests</u> (cont'd)	Documented In-House Methods identified by Method Number based on Standard Methods where indicated	
Bottled	Fluoride Chlorite Bromate Chloride Nitrite Bromide Chlorate Nitrate Phosphate Sulfate	C/23; Determination of Anions and Oxyhalides in Bottle Water by Ion Chromatography	FLS
Swimming Pool Water	Alkalinity	CP/02 by titration	ECPLS
	Calcium Hardness	CP/05 by titration	ECPLS
	pH	CP/01	ECPLS
	Free chlorine	CP-03 Determination of Free chlorine	ECPLS
	Cyanuric acid	CP-04 Determination of Cyanuric acid	ECPLS
Drinking Water	pH	C/27	FLS



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WATERS (cont'd)	<u>Microbiological Tests</u>	Documented In-House Methods identified by Method Number based on Standard Methods where indicated	
Drinking Water, including bottled	Enumeration of:		
	Coliforms and <i>Escherichia coli</i>	M/06 based on the Microbiology of Drinking Water (2016) Part 4 using membrane filtration technique on MLGA agar	FLS
		M/06A Detection and enumeration of Coliform bacteria and <i>Escherichia coli</i> in Drinking Water using Defined Substrate Most Probable Number Technique (IDEXX)	FLS
	Heterotrophic Plate Count	M/05 based on Microbiology of Drinking Water (2020) Part 7 by pour plate	FLS
	<i>Pseudomonas aeruginosa</i>	M/07A by Idexx Pseudalert, MPN	FLS
Recreational Waters (man-made)	Heterotrophic Plate Count	MP-01 Heterotrophic Plate Count Test at 35°C for 48 h for Swimming Pool Water Samples by pour Plating Technique	ECPLS



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CONSTRUCTION MATERIALS	<u>Physical Testing</u>	Documented In-House Methods identified by Method Number based on Standard Methods where indicated	
Concrete	Compressive strength of hardened concrete	BS EN 12390-3: 2019	CMLS
	Density of hardened concrete	BS EN 12390-7: 2019	CMLS
	Cored specimens – taking, examination & testing in compression	BS EN 12504-1: 2019	CMLS
Soil	Dry density/ Moisture content relationship	BS 1377-2:2022	CMLS
	In-situ density test	BS 1377-9: 1990, Cl. 2.2, AMD 17229: 2007	CMLS
AGGREGATES, CONCRETE, SOILS	<u>Physical Testing</u>		
Aggregate	Soundness	ASTM C88: 2018	CMLS
	Aggregate crushing value	BS 812-110: 1990	CMLS
	Resistance to degradation of small & large size coarse aggregate by abrasion and impact in the Los Angeles Machine	ASTM C131/C131M- 2020 & ASTM C535-2016	CMLS
	Relative Density (specific Gravity) & Absorption of Fine Aggregate	ATSM C128:2015	CMLS
	Relative Density (specific Gravity) & Absorption of Coarse Aggregate	ATSM C127:2015	CMLS



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SERUM (Bovine,Caprine and Ovine)	<u>Serological Tests</u>	Documented In-House Methods	
	Detection of Brucella antibodies	S.01 Detection of Brucella antibodies using Rose Bengal Test	VLS
	Detection of Brucella antibodies	S.02 Detection of Brucella antibodies using Svanovir Brucella-Ab competitive ELISA	VLS
END			



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APPENDIX

CPA/33 Determination of pesticide residues by LCMSMS	CPA/34 Determination of pesticide residues by GCMSMS
Acetamiprid Acephate Aldicarb Aldicarb sulfone Aldicarb sulfoxide Ametryn Atrazine Azaconazole Azoxystrobin Benalaxyl Benzoximate Buturon Buprofezin Bupirimate Carbaryl Cadusafos Clodinafop-propargyl Cyproconazole I Cyproconazole II Cyprodinil Cymoxanil Clothianidin Dimethomorph I (50%) Dimethomorph II (50%) Dimethirimol Dinotefuran Dimethoate Diethofencarb Ethirimol Ethoprophos Emamectin benzoate Fenamidone Fenpropimorph Fenpyroximate Fenoxycarb Fenhexamid Flamprop-methyl Flonicamid Fluazafop-P-butyl Fosthiazate Flusilazole Flutriafol Heptenophos Hexazinone Isoprothiolane	2,3,5,6-Tetrachloroaniline Achrinathrin Alachlor Aldrin Ametryn Aminocarb Anthraquinone Atrazine Azaconazole Azinphos-ethyl Beflubutamid Benalaxyl BHC-alpha (benzene hexachloride) BHC-beta BHC-delta BHC-gamma (Lindane, gamma HCH) Bifenthrin Biteranol I Boscalid Bromacil Bromophos-ethyl Bromophos-methyl Bromopropylate Carboxin Carfentrazone-ethyl Chlordane-cis Chlordane-trans Chlorfenson Chlorfenvinphos Chlorbenzilate Chlorpropham Chlorpyrifos Chlorpyrifos-methyl Chlozolate Cyprodinil DDD-o,p' DDD-p,p' DDE-o,p' DDE-p,p' DDT-o,p' Deltamethrin Diallate I Diallate II Diazinon Dichlorobenzonitrile-2,6



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CPA/33 Determination of pesticide residues by LCMSMS	CPA/34 Determination of pesticide residues by GCMSMS
Imidacloprid Isoproturon Iprovalicarb Imazalil Malaoxon Mandipropamid Malathion Methoxyfenozide Methamidophos Mepanipyrim Metamitron Metalaxyl Mefenpyr-diethyl Methidathion Metconazole Metazachlor Mecarbam Monocrotophos Myclobutanil Omethoate Propyzamide Penconazole Prometon Propoxur Pirimicarb Pirimiphos-methyl Propamocarb Pyriproxifen Quinalphos Rotenone Spinosad A Spinosad D Spiroxamine I Spiroxamine II Spirotetramat Spirodiclofen Spiromesifen Tebufenozide Tebuconazole Tebutam Tetraconazole Thiacloprid Thiamethoxam Thiabendazole Triazophos Tricyclazole Terbumeton	Dichlorobenzophenone-4,4 Dieldrin Diniconazole Diphenamid Diphenylamine Disulfoton Endrin EPN Epoxyconazole Esfenvalerate I Ethalfuralin Ethiofencarb Ethion Ethofenprox Etosazole Fenarimol Fenbuconazole Fenthion Fenvalerate I Fipronil Fluazifop-butyl Fluazifop-p-butyl Flucythrinate I Flucythrinate II Fluquinconazole Fluridone Flusilazole Flutolanil Halfenprox Heptachlor-exo-epoxide Heptachlor Hexaconazole Hexazinone Indoxacarb Isoprocarb I Isopropalin Isoprothiolane Kresoxim-methyl Lenacil Leptophos Malathion Mefenoxam Mefenpyr-diethyl I Metalaxyl Methoxychlor p.p' Mirex Myclobutanil



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CPA/33 Determination of pesticide residues by LCMSMS	CPA/34 Determination of pesticide residues by GCMSMS
Triadimenol Triadimefon Triflumuron Triflumizole Vamidothion Zoxamide	Napropamide Nonachlor, cis Nonachlor, trans Norflurazon Oxadiazon Oxadixyl Paclobutrazol Parathion Parathion - methyl Pebulate Penconazole Pendimethalin Pentachlorobenzene Pentachloronitrobenzene Pentachlorothioanisole Phorate Phosalone Phosmet Picolinafen Piperonyl butoxide Pirimiphos-methyl Pirimiphos-ethyl Prochloraz Prodiamine Profenfos Profluralin Propanil Propiconazole I Propiconazole II Propoxur Propyzamide Pyraclofos Pyraclostrobin Pyrazophos Pyridaben Pirimethanil Quinalphos Quinoxifen Ronnell Spiromesifen Sulfotep Sulprofos Tebuconazole Tebufenpyrad Tefluthrin Terbacil Terbufos



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**CPA/33 Determination of pesticide residues by
LCMSMS**

**CPA/34 Determination of pesticide residues by
GCMSMS**

Terbutylazine
Terbutryn
Tetraconazole
Transfluthrin
Triadimefon
Triadimenol
Triallate
Triazophos
Trifloxystrobin
Trifluralin
Vinclozolin

END OF APPENDIX