


# Schedule of Accreditation

issued by

## United Kingdom Accreditation Service

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

 <b>2000</b>  Accredited to <b>ISO/IEC 17025:2017</b>	<b>Central Laboratories Department Sharjah Municipality</b>	
	<b>Issue No: 030 Issue date: 17 September 2021</b>	
	<b>PO Box 22 Sharjah United Arab Emirates</b>	<b>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</b>
<b>Testing performed at the above address only</b>		

Departments performing testing are identified by department code

Departments:	Activity	Department code
Food Lab Section	Food and Water Testing Microbiology and Chemsitry	FLS
Environment and Consumer Products Lab Section	Environmental SampleTesting Chemistry	ECPLS



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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
<b>FOODS &amp; FOODSTUFFS:</b>	<u>Chemical Tests</u>	Documented In-House Methods identified by Method Number based on Standard Methods where indicated	
Beverages, non-alcoholic	Acesulfame-K Saccharin	C/15 using High Performance Liquid Chromatography (HPLC)	FLS
	Acesulfame-K, Aspartame, Benzoic acid, Saccharin, Sorbic acid, Caffeine	C/16 using High Performance Liquid Chromatography (HPLC)	FLS
	Benzoic acid Sorbic acid	C/06 using HPLC	FLS
	Caffeine	C/14 using High Performance Liquid Chromatography (HPLC)	FLS
	Ethanol	C/07 using Gas Chromatography - Mass Spectrometry (GC-MS)	FLS
Honey	Hydroxymethylfurfural	C/019 using High Performance Liquid Chromatography-Diode Array Detector (HPLC-DAD)	FLS
	Sugars: Glucose Fructose Sucrose	C/05 using High Performance Liquid Chromatography (HPLC)	FLS
Meat and Meat Products	Pork (qualitative detection)	C/10 by Enzyme Linked Immuno Sorbent Assay (ELISA) using Biokits Test Kit or ELISA-TEK Test Kit	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	
Nuts	Aflatoxin (as total aflatoxin)	C/13 by Fluorimetric determination after immuno-affinity column clean-up	FLS
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
	Peroxide value	C/09 by titration based on AOAC 965.33	FLS
Tonic Drinks	Quinine	C/24 using High Performance Liquid Chromatography (HPLC)	FLS



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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>  Enumeration of:  Coagulase positive staphylococci including <i>Staphylococcus aureus</i>	Documented In-House Methods identified by Method Number based on Standard Methods where indicated  M/01 based on ISO 6888-1:1999 +A2:2018 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	M/04 based on ISO 4833-2:2013	FLS
	Detection of:  <i>Salmonella</i> spp	M/02 based on ISO Method 6579-1:2017+A1:2020 with confirmation by API and serology or VITEK2	FLS



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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 <sup>nd</sup> Edition 2340-C	FLS
Bottled	Chloride	C/17 by potentiometric titration	FLS
Potable and bottled	Bromate	C/21 using Ion Chromatography	FLS
	Total Hardness	C/18 by potentiometric titration	FLS
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	C/20 by ICP-MS	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	
Potable, mains and bottled	Sodium Magnesium Potassium Calcium Manganese Iron Copper Zinc Lead	C/22 by ICP-OES	FLS
Bottled	Fluoride Chlorite Bromate Chloride Nitrite Bromide Chlorate Nitrate Phosphate Sulfate	SOP 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
WATERS, drinking including bottled	<u>Microbiological Tests</u>  Enumeration of:  <i>Coliforms and Escherichia coli</i>	M/06 based on the Microbiology of Drinking Water (2016) Part 4 using membrane filtration technique on MLGA agar	FLS
	Heterotrophic bacteria (HB)	M/05 based on Microbiology of Drinking Water (2012) Part 7 by pour plate	FLS



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WATERS, drinking including bottled (cont'd)	<u>Microbiological Tests</u> (cont'd)	Documented In-House Methods identified by Method Number based on Standard Methods where indicated	
	Detection and Enumeration of: <i>Pseudomonas aeruginosa</i>	1) M/07 by membrane filtration based on Microbiology of Drinking Water (2015) Part 8  2) M/07A by Idexx Pseudalert, MPN	FLS  FLS
	Detection of: <i>Salmonella</i> spp	M/02A using membrane filtration with detection based on ISO Method 6579-1:2017+A1:2020 with confirmation by API and serology or VITEK2	FLS
END			