

10.6 Scope of Accreditation

Issue No: 01/ Issue Date: 20th April 2022
File Manager: Atta Subhan

GAC



ACCREDITED
TESTING
ISO/IEC 17025:2017
No. ATL 0129

Testing Laboratory Accreditation No. ATL 0129

is accredited by the GCC Accreditation Center (GAC) in accordance with the recognised International Standard ISO/IEC 17025:2017, “General requirements for the competence of testing and calibration laboratories”

Fishery Quality Control Center - Testing Laboratory	
Address. P.O. Box: 427 Muscat – Post Code: 100, Al Bustan Muscat, Sultanate of Oman.	Contact Person: Ghadeer Bilal Al-Khaburi Tel: +968 24743535 Fax: _ Email: fgcc_oman@yahoo.com Web Address: https://www.maf.gov.om/

Locations where testing activities covered by the above Accreditation Standard are undertaken

1- **address:** P.O. Box: 427 Muscat – Post Code: 100, Al Bustan Muscat, Sultanate of Oman.

For the following scope:

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8. Microbiological testing:

8.11 Microbiological tests on foods
.07 Fish, crustaceans and molluscs

7. Chemical Testing:

7.51.05 Fish, crustaceans and molluscs

Scope details are as follows:

TEST CATEGORY	ITEMS, MATERIALS OR PRODUCTS TESTED	SPECIFIC TESTS / PARAMETERS OR PROPERTIES, COMPONENTS, CHARACTERISTICS TESTED	SPECIFICATION, STANDARD TEST METHOD OR TECHNIQUE USED	Remarks
Microbiology	Fish and Fish Products	Enumeration Of Total Bacteria by Standard Viable Plate Count Technique At 30°C	Method: ISO 4833-2:2013	
		Enumeration of E. coli by the Colony-Count Technique	Method: ISO 16649-2:2001	
		Detection of Salmonella sp.	Method: ISO 6579-1:2017	
		Detection of pathogenic Vibrio (parahaemolyticus and cholera)	Method: ISO 21872-1:2017	
		Enumeration Of Staphylococcus Aureus by The Colony-Count Technique	Method: ISO 6888-1:2021	
		Enumeration of Listeria monocytogenes and	Method: CCFRA 3.2.1 - 2007	

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		other Listeria spp: Colony count technique		
		Enumeration Of Coliforms by Colony-Count Technique	Method: ISO 4832:2006	
		Enumeration Of Yeasts and Molds by The Colony-Count Technique	Method: ISO 21527-2:2008	
Chemical Testing	Fish and Fish Products	MERCURY (Hg)	DMA 80 manufacturer method based on Method: EPA 7473	
		Cadmium (Cd), Lead (Pb), Arsenic (As)	In house developed method based on: AOAC Official Method 2015.01 & Published article Chemosphere, 22 Jun 2011, 85(1):67-73 & Published article Springer Plus volume 2, Article number: 282 (2013).	
		Histamine	Based on published method, Journal of Chromatography A Volume 1032, Issues 1–2, 2 April 2004, Pages 79-85	
		Moisture %	In house developed method using Infrared Moisture Determination Balance.	
		Protein %	Modified method, based on ISO 5983-	

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			1:2005 using Kjeldahl	
		Total Carbohydrate %	Calculation Method, 100 – % (Protein + Moisture + Fat + Ash)	
		Total Ash %	Based on ISO 936:1998	
		Energy (Kcal) / 100 g	Calculation Method, 4 × (% Protein) + 9 × (% Fat) + 4 × (% Total Carbohydrates)	
		Total Volatile Base Nitrogen (TVB-N), (Mg N)/100 g	Modified method Based on AOAC 920.03 and Foss Application Note AN 3140 using Kjeldahl.	
		% Total Lipids (Fat)	Soxhlet fat extraction after acid hydrolysis based on ISO 1443:1973	

Note: the text in blue indicates the new scope OR update in the Edition of a test method in this issue of the scope of accreditation.

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Log of Suspended Scopes: None

TEST CATEGORY	ITEMS, MATERIALS OR PRODUCTS TESTED	SPECIFIC TESTS / PARAMETERS OR PROPERTIES, COMPONENTS, CHARACTERISTICS TESTED	SPECIFICATION, STANDARD TEST METHOD OR TECHNIQUE USED	Date Suspended	Date Reinstated

Log of Withdrawn Scopes: None

TEST CATEGORY	ITEMS, MATERIALS OR PRODUCTS TESTED	SPECIFIC TESTS / PARAMETERS OR PROPERTIES, COMPONENTS, CHARACTERISTICS TESTED	SPECIFICATION, STANDARD TEST METHOD OR TECHNIQUE USED	Date Withdrawn

END

Status of this accreditation can be checked in the GAC's website to confirm the validity of this accreditation - <https://www.gac.org.sa/en/>