

## 10.6 Scope of Accreditation

Issue No: 01/ Issue Date: 11-07-2021  
File Manager: M.alsowailem



ACCREDITED  
**TESTING**  
ISO/IEC 17025:2017  
No. ATL 0107

### Testing Laboratory Accreditation No. ATL 0107

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"

Advanced Agricultural Laboratories	
Address. 14362-Al-Kharj Road Exit 9, Kingdom of Saudi Arabia.	Contact Person: Abdulelah Ismail Alothaymin Tel: +966598007302 Email: AbdulelahIsmail.Alothaymin@almarai.com WebAddress: <a href="http://www.almarai.com">www.almarai.com</a>

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

1- address: 14362-Al-Kharj Road Exit 9, Kingdom of Saudi Arabia.

## 10.6 Scope of Accreditation

Issue No: 01/ Issue Date: 11-07-2021  
File Manager: M.alsowailem

GAC



ACCREDITED  
**TESTING**  
ISO/IEC 17025:2017  
No. ATL 0107

### For the following scope:

#### Scope:

#### 7. Chemical Testing:

7.61 Agricultural products and materials

7.66 Waters

#### 8. Biological Testing:

8.02 Tests on veterinary pharmaceutical and biological products

8.11 Microbiological tests on foods

#### 20. Veterinary Testing:

20.11 Bacteriology

20.25 Serology of Infection

20.41 Biochemistry

## 10.6 Scope of Accreditation

Issue No: 01/ Issue Date: 11-07-2021  
File Manager: M.alsowailem



ACCREDITED  
**TESTING**  
ISO/IEC 17025:2017  
No. ATL 0107

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
Chemical testing	Drinking water	pH	Internal SOP No.(ACL.MOA.002) Rev No.2, based on manufacturer method of GP 353 ATC pH meter.	
Chemical testing	Drinking water	Conductivity	Internal SOP No.(ACL.MOA.005) Rev No.2, Based on manufacturer method of TechPro II MYRON L.	
Chemical testing	Drinking water	Bicarbonate	Internal SOP No.(ACL.MOA.006) Rev No.2, Based on Bicarbonates Alkalinity, (2320-A) APHA Standard Methods for the Examination of Water and Wastewater 23rd edition.	
Chemical testing	Drinking water	Chloride	Internal SOP No. (ACL.MOA.007) Rev No.2 based on Argentometric Method No. (4500-Cl B) APHA Standard Methods for the Examination of Water and Wastewater 23rd edition.	
Chemical testing	Drinking water	Nitrate	Internal SOP No. (ACL.MOA.008) Rev No.2, based on manufacturer method of HI 3221	

## 10.6 Scope of Accreditation

Issue No: 01/ Issue Date: 11-07-2021  
File Manager: M.alsowailem



ACCREDITED  
**TESTING**  
ISO/IEC 17025:2017  
No. ATL 0107

			HANNA Instrument.	
Chemical testing	Water	Iodine	Internal SOP No. (ACL.MOA.009) Rev No.2 based on Iodometric Method No. (4500-Cl B) APHA Standard Methods for the Examination of Water and Wastewater 23rd edition.	
Chemical testing	Forage and Feedstuffs	Dry matter	Internal SOP No. (ACL.MOA.001) Rev No.3 based on NFTA - Forage Analysis Method No. 2.2.2.5.	
Chemical testing	Forage and Feedstuffs	Ash	Internal SOP No. (ACL.MOA.003) Rev No.3 based on (AOAC 942.05) 1990 15th Edition.	
Chemical testing	Forage and Feedstuffs	Fats (Ether extract)	Internal SOP No. (ACL.MOA.004) Rev No.2 Based on (AOAC 945.16) 1945.	
Chemical testing	Forage and Feedstuffs	Crude Protein	Internal SOP No. (ACL.MOA.011) Rev No.2 based on (AOAC 2001.11) 2005.	
Chemical testing	Forage and Feedstuffs	Fiber, Acid Detergent	Internal SOP No. (ACL.MOA.013) Rev No.2, based on manufacturer method, ANKOM Technology – ANKOM200 “Acid Detergent Fiber in Feeds - Filter Bag Technique”, version 10-21-05.	
Chemical testing	Forage and Feedstuffs	Minerals (Ca, K, P, S, Na, Mg, Fe, Co, Cu Mo, Mn,	Internal SOP No. (ACL.MOA.016) Rev No.2	

## 10.6 Scope of Accreditation

Issue No: 01/ Issue Date: 11-07-2021  
File Manager: M.alsowailem



ACCREDITED  
**TESTING**  
ISO/IEC 17025:2017  
No. ATL 0107

		Se, Zn)	based on AOAC 968.08, Minerals in Animal Feed and Pet Food using ICP-MS.	
Chemical testing	Forage and Feedstuffs	Nitrogen / Protein Determination	Internal SOP No. (ACL.MOA.012) Rev No.2 based on AOAC 990.03, Nitrogen Determination by Combustion Method	
Chemical testing	Forage and Feedstuffs	Fiber, Neutral Detergent	Internal SOP No. (ACL.MOA.014) Rev No.2 based on manufacturer method ANKOM Technology – ANKOM2000 “Neutral Detergent Fiber in Feeds - Filter Bag Technique”, version 10-21-05.	
Chemical testing	Forage and Feedstuffs	Chloride	Internal SOP No. (ACL.MOA.010) Rev No.2 based on Volhard's Method, 1935.	
Chemical testing	Forage and Feedstuffs	Moisture	Internal SOP No. (ACL.MOA.001) Rev No.3 NFTA - Forage Analysis method no. 2.2.2.5.	
Chemical testing	Forage and Feedstuffs	Invitro – Digestibility	Internal SOP No.(ACL.MOA.015) Rev No.2 based on manufacturer method, ANKOM Technology. 2005. In vitro true digestibility using the DAISYII incubator.	
Veterinary Testing	Bovine Serum / Plasma	Level of Ca, P, Mg, Na, K & Urea (mg/dL)	SOP No. AHL03 (Serum / Plasma Clinical Chemistry Analysis) based on Kit Method (Bechman Coulter AU480 chemistry	

## 10.6 Scope of Accreditation

Issue No: 01/ Issue Date: 11-07-2021

File Manager: M.alsowailem



ACCREDITED  
**TESTING**  
 ISO/IEC 17025:2017  
 No. ATL 0107

			analyser) Year 2020.	
Chemical Testing (Dairy Products)	In Silo raw milk / pasteurized / UHT treated milk	Amount of added water in milk in the (range 0 to 1000 m°C or m°H)	SOP No. AHL08 (Adulteration of Milk with water) based on Built-in Method of Machine (Advanced Instruments Inc., Cryoscope Model 4250).	
Biological Testing	Individual milk / House / Silo milk	Somatic Cell Count (SCC) (range 10,000 - 4000,000 SCC/ml)	SOP No. AHL013 (Somatic Cell Count for Mastitis) based on Built-in Method of Machine (DeLaval Cell Counter DCC, Year 2020)	
Veterinary Testing	Raw Cow milk (House milk / individual cow / quarter)	Presence or Absence of Brucella spp.	SOP No. AHL04 (Milk Ring Test) based on Standard Test Method of OIE 2019	
Veterinary Testing	Raw Cow milk (Individual quarter milk of mastitis cow)	Presence or Absence of mastitis pathogens	SOP No. AHL 05 (Culturing and Identification of Mastitis Pathogens) In House Method	
Veterinary Testing	Visceral, faecal, intestinal and PM tissue samples of cattle	Presence or Absence of Salmonella	SOP No. AHL 06 (Culturing and Identification of Salmonella) In House Method	
Chemical Testing	Individual medics cow milk / Silo milk	Presence or Absence of Antibiotic Residue	SOP no. AHL 07 (Detection of Antibiotic Residues in Milk) based on Kit Method (DelvotestR SP NT)	
Veterinary	Individual Cow milk / Pos	Presence or absence of Mycoplasma bovis	SOP No. AHL 010 (Antigenic diagnosis of	

## 10.6 Scope of Accreditation

Issue No: 01/ Issue Date: 11-07-2021  
File Manager: M.alsowailem

Testing	culture fluid	antigen	Mycoplasma bovis) Based on Kit Method (Monoscreen Antigen ELISA)	
Veterinary Testing	Raw milk from individual cow / medics / mastitis / House / Silo, Nasal / tracheal swabs, Lung tissue, joint fluid	Presence or Absence of Mycoplasma	SOP No. AHL 011 (Mycoplasma culture) based on In-House Method	
Veterinary Testing	Bovine Serum / Plasma samples	Levels of antibodies against BVDV	SOP No. AHL 012 (Measurement of antibodies for BVDV) based on Kit Method (IDEXX ELISA Kit)	
Veterinary Testing	Raw Silo milk	Bacterial load (Range < 10 to TNTC CFU/ml)	SOP No. AHL014 (Standard Plate Count / Total Bacterial Count) based on Standard Test Method of ISO-4833:2003	
Veterinary Testing	Raw Silo milk	Coliform count (Range < 10 to TNTC CFU/ml < 10 to TNTC CFU/ml)	SOP No. AHL015 (Total Coliform Count) Based on Standard Test Method of ISO 4832:2006	
Veterinary Testing	Raw milk from mastitis cow / subclinical / recheck cows	Susceptibility or resistance of mastitis pathogens to antibiotics	SOP No. AHL018 (Antibiotic Susceptibility of Mastitis Pathogens) based on In-House Method	
Veterinary Testing	Bovine blood / Serum	Presence or absence of antibodies to Brucella spp.	SOP No. AHL 019 (Rose Bengal Test) Based on Standard Test Method of OIE-2019	

## 10.6 Scope of Accreditation

Issue No: 01/ Issue Date: 11-07-2021  
 File Manager: M.alsowailem

**GAC**

مركز الإعتداف الخليجي  
 GCC ACCREDITATION CENTER



**ACCREDITED**  
**TESTING**  
 ISO/IEC 17025:2017  
 No. ATL 0107

**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.

### Log of Suspended Scopes:

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:

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



## 10.6 Scope of Accreditation

Issue No: 01/ Issue Date: 11-07-2021  
 File Manager: M.alsowailem



**END**

This conformity assessment body (CAB) is recorded as issuing GAC accredited reports to organizations in the countries listed below. This list is current at the time of issue of this schedule.

<b>United Arab Emirates</b>	<b>Bahrain</b>	<b>Saudi Arabia</b>	<b>Oman</b>	<b>Qatar</b>	<b>Kuwait</b>	<b>Yemen</b>
-----------------------------	----------------	---------------------	-------------	--------------	---------------	--------------