

	<b>ACCREDITATION DOCUMENT</b>	<b>F-06/02 Issue Date: 18/08/2020 Rev. No: 09 LAB 088</b>
-----------------------------------------------------------------------------------	-----------------------------------	-----------------------------------------------------------------------

## **Accreditation No: LAB 088**

**Awarded to**

**Quality Control Laboratory  
FrieslandCampina Engro Pakistan, Sahiwal Plant  
08-km, Pakpattan Road, Sahiwal Pakistan.**

The scope of accreditation is in accordance with the standard specifications outlined in the following page(s) of this document. The accredited scope shall be visible and legible in areas such as customer service, sample-receiving section etc and shall not mislead its users.

The accreditation was first time granted on **14-05-2015** by Pakistan National Accreditation Council.

The laboratory complies with the requirements of **ISO/IEC 17025:2017**.

The accreditation requires regular surveillance, and is valid until **14-03-2021**.

The decision of accreditation made by Pakistan National Accreditation Council implies that the organization has been found to fulfill the requirements for accreditation within the scope.

The organization however, itself is responsible for the results of performed measurements/tests.

**PAKISTAN NATIONAL ACCREDITATION COUNCIL**

31-07-2020

Date

\_\_\_\_\_  
Director General

	<b>ACCREDITATION DOCUMENT</b>	<b>F-06/02</b> <b>Issue Date: 18/08/2020</b> <b>Rev. No: 09</b> <b>LAB 088</b>
-----------------------------------------------------------------------------------	-----------------------------------	-----------------------------------------------------------------------------------------

**Testing Laboratory.**

Accreditation Scope of FrieslandCampina Engro Pakistan Limited, Sahiwal  
Lab, 8-km, Pakpattan Road, Sahiwal Pakistan

Permanent laboratory premises

Materials/Products tested	Testing field (e.g. environmental testing or mechanical testing)	Types of test/ Properties measured	Reference to standardized method (e.g. ISO 14577-1:2003)/ Internal method reference
UHT Milk	Chemical Testing	pH	IDF Standard 115A: 1989 pH Meter Manual
	Chemical Testing	Total Solid  i. Fat ii. Solid Non Fat (SNF)	Funke Gerber Manual Milk Processing Guide Series Volume 2  International Journal of Engineering and Applied Sciences PS: 4873-2008
	Chemical Testing	Fat	Milk Processing Guide Series Volume 2  Funke Gerber Manual PS: 4873-2008
Milk Powder / Raw Milk / Pasteurized Milk/UHT Milk	Microbiological testing	Total plate Count	ISO 4833:2013 International Standard
Milk Powder	Chemical Testing	Moisture Test	IS/ 16072 : 2012

31-07-2020  
Date

\_\_\_\_\_  
Director

	<b>ACCREDITATION DOCUMENT</b>	<b>F-06/02</b> <b>Issue Date: 18/08/2020</b> <b>Rev. No: 09</b> <b>LAB 088</b>
-----------------------------------------------------------------------------------	-----------------------------------	-----------------------------------------------------------------------------------------

Materials/Products tested	Testing field (e.g. environmental testing or mechanical testing)	Types of test/ Properties measured	Reference to standardized method (e.g. ISO 14577-1:2003)/ Internal method reference
Milk Powder	Microbiological testing	Eb's	IS/ISO 21528-2:2017E International Standard
Water		Alkalinity	EDTA titration method HI- 3811
		Hardness	EDTA titration method HI- 3812
		FOG	Standard Method for the Examination of Water and Wastewater 23rd Edition (2017).Method: 5520B
		COD	COD Vials method.
		Conductivity	Conductivity meter manual
		TDS	Conductivity meter manual

31-07-2020  
Date

\_\_\_\_\_  
Director