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|  | ACCREDITATION DOCUMENT | F-06/02 Issue Date: 18/08/2020 Rev. No: 09 LAB 063 |
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Accreditation No: LAB 063

Awarded to

Quality Assurance Labs. Nestle Sheikhpura Factory, 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 **18-01-2013** 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 **06-02-2023**.

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

29-04-2022
Date

SD
Director General



ACCREDITATION DOCUMENT

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Testing Laboratory.

Accreditation Scope of Quality Assurance Labs. Nestle Sheikhpura Factory, 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 |
|--|---|---|--|
| Nestle Liquid Dairy, (Fresh Milk, UHT Milk, Every Day, Nesvita HCLF Milk, Milo RTD, Nesquik RTD Chocolate, Cream, Soft Serve Shake Mix, Easy Whip) Raw Materials, Powder, Cereal | Chemical | Total Nitrogen Determination according to Kjeldahl with Büchi System | LI 00.556-5 |
| Powder, Cereal, Juices | Chemical | Ascorbic acid by Potentiometry | LI 00.677-2 |
| Powder, Cereal, Raw material & Dairy | Chemical | Determination of Vitamin A by Colorimetry and B- Carotene by spectrophotometric measurement | LI 00.676-1 |
| Nestle Liquid Dairy, (Fresh Milk, UHT Milk, Every Day, Nesvita HCLF Milk, Milo RTD | Chemical | Density of Fresh Milk and Other Milk Products | LI 01.060-1 |
| Nestle Liquid Dairy, (Fresh Milk, UHT Milk, Every Day, Nesvita HCLF Milk, Milo RTD | Chemical | Fat by the Gerber method | LI 01.070-3 |
| Cream | Chemical | Fat by Roeders method | LI 01.480-1 |
| Nestle Liquid Dairy, (Fresh Milk, UHT Milk, Every Day, Nesvita HCLF Milk, Milo RTD, Nesquik RTD Chocolate, Cream, Soft Serve Shake Mix, Easy Whip, | Chemical | Determination of pH & Acidity | LI 00.011 |
| (Nestle Liquid Dairy, Fresh Milk, UHT Milk, Every Day, Nesvita HCLF Milk, Milo RTD, Nesquik RTD Chocolate, Cream, Easy Whip Powder, Cereal, Juices, Raw Materials) | Chemical | Nine Nutritional Elements by ICP OES- Fe,Zn,Ca,Mg,K,P,Na,Mn,Cu | AOAC-2011.14 |
| Juices | Chemical | Determination of pH & Acidity | LI 00.908-01 |

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| (Nestle Liquid Dairy, Fresh Milk, UHT Milk, Every Day, Nesvita HCLF Milk, Milo RTD, Nesquik RTD Chocolate, Cream, Easy Whip Powder, Cereal, Juices, Raw Materials) | Chemical | Heavy Metal by ICP-MS | LI-00.848-3 |
| Juices & Pulp | Chemical | Dry matter Soluble (Brix%) | ISO-2173-2003 |
| Milk Powder & Raw Material | Chemical | Moisture Karl Fisher (Milk Powder) | LI-00.510-02 |
| Milk Powder | Chemical | Fat by Teichert Method (Milk Powder) | LI-08.110-02 |
| Milk Powder, Cereal, Liquid milk, Yogurt, Juices & raw material | Chemical | Sugar Profile by HPLC | LI-00.544-04 |
| Milk Powder | Chemical | Chloride | LI-00.580-3 |
| Cereal, Raw materials and Dairy products | Chemical | Moisture | LI-00.500-04 |
| Milk Powder & Cereal | Chemical | Water Activity | LI-00.016-03 |
| Milk Powder, and raw material | Chemical | Aflatoxin M1 | LI-01.299 LI-00.114-04 |
| Water | Chemical | Calcium Content-Total Hardness | ISO 6058:1984 |
| Water | Chemical | Ozone | LI 10.209-1 |
| Water | Chemical | Sulphate | LI 10.216-02 |
| Water | Chemical | Bromate by Calorimetry | LI 10.217-03 |
| Water | Chemical | Nitrite | LI 10.202-02 |
| Water | Chemical | Ammonium | LI 10.201-02 |
| Water | Chemical | Manganese Contents | LI 10.206-02 |
| Water | Chemical | Iron test | LI 10.204-02 |
| Water | Chemical | DETERMINATION OF WATER CHLORINE | ISO-7393-2:1985 |
| Water | Chemical | Conductivity | ISO-7888:1985 |
| Water | Chemical | pH | ISO-10523:2008 |
| Water | Chemical | Water Turbidity | ISO-7027-1:2016 |
| Water | Chemical | Sodium and Potassium by Flame Emission Spectroscopy | AOAC-990.23 |
| Water | Chemical | Calcium and Magnesium-EDTA titrimetric method | ISO 6059:1984 |
| Water | Chemical | Composite and Total Alkalinity | ISO- 9963-1:1994 |
| Water | Chemical | Chloride | ISO-9297:1989 |
| Water | Microbiological | Detection & enumeration INTESTINAL Enterococci | ISO-7899:2000 |
| Water | Microbiological | Enumeration of culturable microorganisms | ISO-6222:1999 |
| Water | Microbiological | Enumeration of Yeasts & Moulds | LI 10.112-1 |
| Water | Microbiological | Detection & enumeration of coliforms& E.coli | ISO-9308-1:2014 |

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| Water | Microbiological | Detection and Enumeration of Pseudomonas Aeruginosa | ISO-16266:2006 |
| Fresh Milk | Microbiological | Aerobic Mesophilic Germs | ISO-4833-1 2013 |
| Fresh Milk | Microbiological | Enumeration of Bacterial Spores | LI-00.718-2 |
| Milk Powder & Cereal | Microbiological | Enumeration of contaminating micro-organisms with sugar free agar | LI-00736-1 |
| Milk Powder & Cereal | Microbiological | Detection and Identification of Salmonella | LI-00.713-5 |
| Milk Powder & Cereal | Microbiological | Detection & Enumeration of Enterobacteriaceae | ISO-21528-2 2017, ISO-21528-1 2017 |
| Milk Powder & Cereal | Microbiological | Enumeration of Probiotic bacteria | LI00-794-02 |
| Milk Powder & Cereal | Microbiological | Detection and enumeration of Staphylococcus Aureus | ISO-6888-1 :1999 |
| Milk Powder & Cereal | Microbiological | Detection and identification of E. Sakazakii | ISO-22964:2017 |

29-04-2022
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Sd
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