



National Accreditation Board for
Testing and Calibration Laboratories

CERTIFICATE OF ACCREDITATION

**FOOD AND FEED LABORATORY, FOOD
TECHNOLOGY AND QUALITY CONTROL OFFICE**
has been assessed and accredited in accordance with the standard

ISO/IEC 17025:2017

**"General Requirements for the Competence of Testing &
Calibration Laboratories"**

for its facilities at

Biratnagar-10, Morang, Province No. 1, Nepal

in the field of

TESTING

Certificate Number

TC-4057

Issue Date

31/12/2022

Valid Until

30/12/2024

This certificate remains valid for the Scope of Accreditation as specified in the annexure subject to continued satisfactory compliance to the above standard & the relevant requirements of NABL.

(To see the scope of accreditation of this laboratory, you may also visit NABL website www.nabl-india.org)

Name of Legal Identity : Dept. of Food Technology and Quality Control, Ministry of Agriculture and Livestock Development, Government of Nepal

Signed for and on behalf of NABL



89076970100030002573

N. Venkateswaran
Chief Executive Officer



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SCOPE OF ACCREDITATION

Laboratory Name Food and Feed Laboratory, Food Technology and Quality Control Office,
Biratnagar-10, Morang, Province No. 1, Nepal

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-4057

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Validity 31.12.2022 to 30.12.2024

Last Amended on

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
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Permanent Facility

1.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Spices (Ginger, Cardamom, Cumin, Coriander, Cloves, Pepper)	Moisture (%)	AOAC (2019) Official Methods of Analysis of AOAC International, 21 st Eds.: Method 986.21
2.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Spices (Ginger, Cardamom, Cumin, Coriander, Cloves, Pepper)	Volatile Oil (%)	FSSAI (2021) Manual of Methods of Analysis of Foods (Spices, Herbs and Condiments): Method Number 10.013.2021
3.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Spices (Ginger, Cardamom, Cumin, Coriander, Cloves, Pepper)	Total Ash (%)	AOAC (2019) Official Methods of Analysis of AOAC International, 21 st Eds.: Method 941.12A
4.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Spices (Ginger, Cardamom, Cumin, Coriander, Cloves, Pepper)	Ash insoluble in dilute HCl (%)	AOAC (2019) Official Methods of Analysis of AOAC International, 21 st Eds.: Method 941.12B
5.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Tea and Coffee	Moisture (%)	FSSAI (2015) Manual of Methods of Analysis of Foods (Beverages): Method Clause Number 1.2
6.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Tea and Coffee	Total Ash (%)	FSSAI (2015) Manual of Methods of Analysis of Foods (Beverages): Method Clause Number 1.3
7.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Tea and Coffee	Water/Aqueous Extract (%)	AOAC (2019) Official Methods of Analysis of AOAC International, 21 st Eds.: Method 920.104
8.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Cereal and Cereal Products	Moisture (%)	AOAC (2019) Official Methods of Analysis of AOAC International, 21 st Eds.: Method 925.10
9.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Cereal and Cereal Products	Total Ash (%)	AOAC (2019) Official Methods of Analysis of AOAC International, 21 st Eds.: Method 923.03



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10.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Cereal and Cereal Products	Ash insoluble in dilute HCl (%)	FSSAI (2016) Manual of Methods of Analysis of Foods (Cereal and Cereal Products): Method Clause Number 8.3
11.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Honey	Moisture (%)	AOAC (2019) Official Methods of Analysis of AOAC International, 21 st Eds.: Method 969.38B
12.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Honey	Ash (%)	IS 4941, Annex D
13.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Honey	Acidity (%)	IS 4941, Annex E
14.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Honey	Water Insoluble matter (%)	IHC (2009) Harmonised Methods of the International Honey Commission: Method Number 08
15.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Fats and Oils	Refractive index	AOAC (2019) Official Methods of Analysis of AOAC International, 21 st Eds.: Method 921.08
16.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Fats and Oils	Acid value (mg KOH/g)	FSSAI (2021) Manual of Methods of Analysis of Foods (Oils and Fats): Method Number FSSAI 02.009:2021
17.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Fats and Oils	Peroxide value (m. equivalent peroxide oxygen/kg)	FSSAI (2021) Manual of Methods of Analysis of Foods (Oils and Fats): Method Number FSSAI 02.042:2021
18.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Fats and Oils	Melting point (°C)	FSSAI (2021) Manual of Methods of Analysis of Foods (Oils and Fats): Method Number FSSAI 02.006:2021
19.	CHEMICAL/ FOOD &	Fruits and Vegetable Products	Total soluble solids (%)	FSSAI (2016) Manual of Methods of Analysis of Foods



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	AGRICULTURAL PRODUCTS			(Fruit and Vegetable Products): Method Clause Number 1.6
20.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Fruits and Vegetable Products	pH	FSSAI (2016) Manual of Methods of Analysis of Foods (Fruit and Vegetable Products): Method Clause Number 2.3
21.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Fruits and Vegetable Products	Acidity (%)	FSSAI (2016) Manual of Methods of Analysis of Foods (Fruit and Vegetable Products): Method Clause Number 2.4
22.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Milk	Fat (%)	IS 1224 (Part I)
23.	CHEMICAL/ FOOD & AGRICULTURAL PRODUCTS	Milk	Solid Not Fat (%)	NFFRL (2019) Laboratory Manual (Milk and Milk Products): Method Clause Number 1.4 B