# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :** MORENA ANALYTICAL LABORATORY, NAINAGARH ROAD, MORENA, MADHYA PRADESH, INDIA

**Accreditation Standard** ISO/IEC 17025:2017

**Certificate Number** TC-11485 **Page No** 1 of 3

**Validity** 22/03/2023 to 21/03/2025 **Last Amended on** 04/04/2023

| S.No | Discipline / Group | Materials or Products tested | Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed | Test Method Specification against which tests are performed and / or the techniques / equipment used |
|---|---|---|---|---|
| Permanent Facility | | | | |
| 1 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Oil from Oil Seeds | Acid Value | IS 548 (Part 1) |
| 2 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Oil from Oil Seeds | Allyl Isothiocyanate | IS 548 (Part 1) |
| 3 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Oil from Oil Seeds | Arachidic Acid (Fatty Acid Profile) | FSSAI.02.019.2021, Manual of Methods of Analysis of Foods Oils and Fats |
| 4 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Oil from Oil Seeds | Behenic Acid (Fatty Acid Profile) | FSSAI.02.019.2021, Manual of Methods of Analysis of Foods Oils and Fats |
| 5 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Oil from Oil Seeds | Bellier Test | FSSAI.02.012.2021, Manual of Methods of Analysis of Foods Oils and Fats |
| 6 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Oil from Oil Seeds | Capric Acid (Fatty Acid Profile) | FSSAI.02.019.2021, Manual of Methods of Analysis of Foods Oils and Fats |
| 7 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Oil from Oil Seeds | Caproic Acid (Fatty Acid Profile) | FSSAI.02.019.2021, Manual of Methods of Analysis of Foods Oils and Fats |
| 8 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Oil from Oil Seeds | Caprylic Acid (Fatty Acid Profile) | FSSAI.02.019.2021, Manual of Methods of Analysis of Foods Oils and Fats |
| 9 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Oil from Oil Seeds | Colour | FSSAI.02.005.2021, Manual of Methods of Analysis of Foods Oils and Fats |
| 10 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Oil from Oil Seeds | Docosadienoic Acid (Fatty Acid Profile) | FSSAI.02.019.2021, Manual of Methods of Analysis of Foods Oils and Fats |
| 11 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Oil from Oil Seeds | Eicosadienoic Acid (Fatty Acid Profile) | FSSAI.02.019.2021, Manual of Methods of Analysis of Foods Oils and Fats |
| 12 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Oil from Oil Seeds | Erucic Acid (Fatty Acid Profile) | FSSAI.02.019.2021, Manual of Methods of Analysis of Foods Oils and Fats |
| 13 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Oil from Oil Seeds | Flash Point | FSSAI.02.004.2021, Manual of Methods of Analysis of Foods Oils and Fats |

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| 14 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Oil from Oil Seeds | Free Fatty Acid | IS 548 (Part 1) |
| 15 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Oil from Oil Seeds | Gondoic Acid (Fatty Acid Profile) | FSSAI.02.019.2021, Manual of Methods of Analysis of Foods Oils and Fats |
| 16 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Oil from Oil Seeds | Iodine Value | FSSAI.02.010.2021, Manual of Methods of Analysis of Foods Oils and Fats |
| 17 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Oil from Oil Seeds | Lauric Acid (Fatty Acid Profile) | FSSAI.02.019.2021, Manual of Methods of Analysis of Foods Oils and Fats |
| 18 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Oil from Oil Seeds | Lignoceric Acid (Fatty Acid Profile) | FSSAI.02.019.2021, Manual of Methods of Analysis of Foods Oils and Fats |
| 19 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Oil from Oil Seeds | Linoleic Acid (Fatty Acid Profile) | FSSAI.02.019.2021, Manual of Methods of Analysis of Foods Oils and Fats |
| 20 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Oil from Oil Seeds | Linolenic Acid (Fatty Acid Profile) | FSSAI.02.019.2021, Manual of Methods of Analysis of Foods Oils and Fats |
| 21 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Oil from Oil Seeds | Moisture Content | FSSAI.02.001.2021, Manual of Methods of Analysis of Foods Oils and Fats |
| 22 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Oil from Oil Seeds | Myristic Acid (Fatty Acid Profile) | FSSAI.02.019.2021, Manual of Methods of Analysis of Foods Oils and Fats |
| 23 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Oil from Oil Seeds | Nervonic Acid (Fatty Acid Profile) | FSSAI.02.019.2021, Manual of Methods of Analysis of Foods Oils and Fats |
| 24 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Oil from Oil Seeds | Oleic Acid (Fatty Acid Profile) | FSSAI.02.019.2021, Manual of Methods of Analysis of Foods Oils and Fats |
| 25 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Oil from Oil Seeds | Palmitic Acid (Fatty Acid Profile) | FSSAI.02.019.2021, Manual of Methods of Analysis of Foods Oils and Fats |
| 26 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Oil from Oil Seeds | Palmitoleic Acid (Fatty Acid Profile) | FSSAI.02.019.2021, Manual of Methods of Analysis of Foods Oils and Fats |
| 27 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Oil from Oil Seeds | Polybromide Test for Mustard Oil | FSSAI.02.018.2021, Manual of Methods of Analysis of Foods Oils and Fats |

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| 28 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Oil from Oil Seeds | Presence of Argemone Oil | FSSAI.02.032.2021, Manual of Methods of Analysis of Foods Oils and Fats |
| 29 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Oil from Oil Seeds | Refractive Index at 40 °C | FSSAI.02.003.2021, Manual of Methods of Analysis of Foods Oils and Fats |
| 30 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Oil from Oil Seeds | Saponification Value | FSSAI.02.007.2021 Manual of Methods of Analysis of Foods Oils and Fats |
| 31 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Oil from Oil Seeds | Stearic Acid (Fatty Acid Profile) | FSSAI.02.019.2021, Manual of Methods of Analysis of Foods Oils and Fats |
| 32 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Oil from Oil Seeds | Un-Saponification Value | FSSAI.02.008.2021, Manual of Methods of Analysis of Foods Oils and Fats |