National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : PRODUCT TESTING LABORATORY, MARICO LTD., E-10, MIDC, AJANTA ROAD, JALGAON, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-7219 **Page No** 1 of 3

Validity 18/08/2021 to 17/08/2023 **Last Amended on** -

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	Edible Oil (Raw edible oil, In-process oil, Refined edible oils and Blended edible oils)	Acid value	IS 548 (Part I)
2	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Oil (Raw edible oil, In-process oil, Refined edible oils and Blended edible oils)	Butyro Refractive Index	IS 548 (Part I)
3	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Oil (Raw edible oil, In-process oil, Refined edible oils and Blended edible oils)	Cloud Point	FSSAI Manual of methods of Analysis of foods: Oil and Fats: Page no -41
4	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Oil (Raw edible oil, In-process oil, Refined edible oils and Blended edible oils)	Color	IS 548 (Part I)
5	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Oil (Raw edible oil, In-process oil, Refined edible oils and Blended edible oils)	Fatty Acid Profile by GLC Method	In-house procedure no. 1900697 Issue Date 24.08.2011, Issue No. 01
6	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Oil (Raw edible oil, In-process oil, Refined edible oils and Blended edible oils)	Identification of Rice Bran Oil	FSSAI Manual of methods of Analysis of foods: Oil and Fats Page no -42
7	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Oil (Raw edible oil, In-process oil, Refined edible oils and Blended edible oils)	Identifications of Mustard Oil	FSSAI Manual of methods of Analysis of foods: Oil and Fats Page no -45
8	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Oil (Raw edible oil, In-process oil, Refined edible oils and Blended edible oils)	Insoluble impurities	IS 548 (Part I)
9	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Oil (Raw edible oil, In-process oil, Refined edible oils and Blended edible oils)	Iodine Value	IS 548 (Part I)
10	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Oil (Raw edible oil, In-process oil, Refined edible oils and Blended edible oils)	Moisture Content	IS 548 (Part I)
11	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Oil (Raw edible oil, In-process oil, Refined edible oils and Blended edible oils)	Peroxide Value	IS 548 (Part I)
12	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Oil (Raw edible oil, In-process oil, Refined edible oils and Blended edible oils)	Presence of Argemone oil	IS 548 (Part II)
13	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Oil (Raw edible oil, In-process oil, Refined edible oils and Blended edible oils)	Presence of Castor oil	IS 548 (Part II)

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14	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Oil (Raw edible oil, In-process oil, Refined edible oils and Blended edible oils)	Presence of Cotton Seed oil	IS 548 (Part II)
15	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Oil (Raw edible oil, In-process oil, Refined edible oils and Blended edible oils)	Presence of Groundnut oil	IS 548 (Part II)
16	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Oil (Raw edible oil, In-process oil, Refined edible oils and Blended edible oils)	Presence of Hydrocyanic Acid	IS 548 (Part II)
17	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Oil (Raw edible oil, In-process oil, Refined edible oils and Blended edible oils)	Presence of Karanjia oil	IS 548 (Part II)
18	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Oil (Raw edible oil, In-process oil, Refined edible oils and Blended edible oils)	Presence of Linseed oil	IS 548 (Part II)
19	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Oil (Raw edible oil, In-process oil, Refined edible oils and Blended edible oils)	Presence of Mineral oil	IS 548 (Part II)
20	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Oil (Raw edible oil, In-process oil, Refined edible oils and Blended edible oils)	Presence of Neem oil	IS 548 (Part II)
21	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Oil (Raw edible oil, In-process oil, Refined edible oils and Blended edible oils)	Presence of Rancidity (Kries Test)	FSSAI Manual of methods of Analysis of foods: Oil and Fats Page no – 88
22	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Oil (Raw edible oil, In-process oil, Refined edible oils and Blended edible oils)	Presence of Sesame oil	IS 548 (Part II)
23	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Oil (Raw edible oil, In-process oil, Refined edible oils and Blended edible oils)	Qualitative Test for Vitamin A	FSSAI Manual of methods of Analysis of foods: Oil and Fats Page no – 84
24	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Oil (Raw edible oil, In-process oil, Refined edible oils and Blended edible oils)	Saponification value	IS 548 (Part I)
25	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Oil (Raw edible oil, In-process oil, Refined edible oils and Blended edible oils)	Specific Gravity (at 30°C)	IS 548 (Part I)
26	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Oil (Raw edible oil, In-process oil, Refined edible oils and Blended edible oils)	Test for presence of Teaseed oil in Olive oil	FSSAI Manual of methods of Analysis of foods: Oil and Fats Page no – 56
27	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Oil (Raw edible oil, In-process oil, Refined edible oils and Blended edible oils)	Test for presence of Tricresyl phosphates	FSSAI Manual of methods of Analysis of foods: Oil and Fats Page no – 76

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28	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Oil (Raw edible oil, In-process oil, Refined edible oils and Blended edible oils)	Test for refined winterized salad oils - Cold test	FSSAI Manual of methods of Analysis of foods: Oil and Fats Page no – 56
29	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Oil (Raw edible oil, In-process oil, Refined edible oils and Blended edible oils)	Test for Semi-Siccative oil in olive oil	FSSAI Manual of methods of Analysis of foods: Oil and Fats Page no – 58
30	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Oil (Raw edible oil, In-process oil, Refined edible oils and Blended edible oils)	Trans Fatty Acid	In-house Procedure no. 1900697 Issue Date 24.08.2011, Issue No. 01
31	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Oil (Raw edible oil, In-process oil, Refined edible oils and Blended edible oils)	Unsaponifiable matter	IS 548 (Part I)
32	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Activated carbon	Determination of de-colorizing power	IS 877
33	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Bleaching Powder (Fuller's Earth)	Acidity	IS 1035
34	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Bleaching Powder (Fuller's Earth)	Alkalinity	IS 1035
35	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Bleaching Powder (Fuller's Earth)	Bleaching Efficiency	IS 1035
36	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Bleaching Powder (Fuller's Earth)	Filtration rate	IS 1035
37	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Bleaching Powder (Fuller's Earth)	Oil retention	IS 1035
38	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Citric Acid	Purity	IS 13186
39	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Phosphoric Acid	Purity	IS 10508
40	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Tert-Butyl Hydro Quinone (TBHQ)	Purity	IS 11913
41	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Tert-Butyl Hydro Quinone (TBHQ)	Identification	IS 11913