National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : CUSTOM HOUSE LABORATORY, VISAKHAPATNAM, FIFTH FLOOR, CUSTOM HOUSE, VISAKHAPATNAM, ANDHRA PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10221 **Page No** 1 of 3

Validity 10/01/2022 to 09/01/2024 **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	Vegetable Oils	Acid value	IS 548 Part I, clause 7, Page no. 29-30
2	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Bellier test for Turbidity	FSSAI Manual 2021, S.No. 15, Page no. 32-33
3	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Cloud point	FSSAI Manual 2021, S.No. 18, Page no. 38
4	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Content of unsaponifiable matter	IS 548 Part I, clause 8, Page no. 31-32
5	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Fatty acid Profile (C18:0)	FSSAI Manual 2021, S.No. 22, Page no. 44-48
6	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Fatty acid Profile (C18:1)	FSSAI Manual 2021, S.No. 22, Page no. 44-48
7	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Fatty acid Profile (C18:2)	FSSAI Manual 2021, S.No. 22, Page no. 44-48
8	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Fatty acid Profile(C16:0)	FSSAI Manual 2021, S.No. 22, Page no. 44-48
9	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Flash point PMCC	FSSAI Manual 2021, S.No. 7, Page no. 11-12
10	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Iodine value	IS 548 Part I, clause 14, Page no. 47-50
11	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Melting point	IS 548 Part I, clause 9.1, Page no. 33-34
12	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Moisture	IS 548 Part I, clause 5.1, Page no. 19-20
13	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Peroxide value	IS 548 Part I, clause 20, Page no. 63-64

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14	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Refractive Index @ 40 Degree	IS 548 Part I, clause 10, Page no. 35-38
15	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Saponification value	IS 548 Part I, clause 15, Page no. 50-52
16	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Specific Gravity	IS 548 Part I, clause 11.3, Page no. 40-41
17	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Test for Allyl isothiocyanate	FSSAI Manual 2021, S.No. 38, Page no. 79
18	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Test for Argemone oil	FSSAI Manual 2021, S.No. 35, Page no. 73-74
19	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Test for Cottonseed oil	FSSAI Manual 2021, S.No. 17, Page no. 36-37
20	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Test for Karanja oil	FSSAI Manual 2021, S.No. 36, Page no. 75-76
21	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Test for Mineral oil content	FSSAI Manual 2021, S.No. 32, Page no. 69.
22	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Test for Sesame oil	FSSAI Manual 2021, S.No. 16, Page no. 34-35
23	CHEMICAL- ORES & MINERALS	Iron ore	Alumina as Al2O3	IS 1493, clause 8, Page no. 12-13
24	CHEMICAL- ORES & MINERALS	Iron ore	Moisture	IS 1493, clause 5, Page no. 6-7
25	CHEMICAL- ORES & MINERALS	Iron ore	Silica as SiO2	IS 1493, clause 7, Page no. 5-7
26	CHEMICAL- ORES & MINERALS	Iron ore	Total Iron as Fe	IS 1493, clause 7.3, Page no. 11
27	CHEMICAL- PETROLEUM AND PRODUCTS	Fuel Oil	Acidity	ASTM D974-07
28	CHEMICAL- PETROLEUM AND PRODUCTS	Fuel Oil	Ash (% by mass)	IS: 1448 (Part4)

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29	CHEMICAL- PETROLEUM AND PRODUCTS	Fuel oil	Carbon Residue	IS: 1448 (Part 8)
30	CHEMICAL- PETROLEUM AND PRODUCTS	Fuel Oil	Density by Pyknometer	IS: 1448 (P 32)
31	CHEMICAL- PETROLEUM AND PRODUCTS	Fuel Oil	Flash Point (PMCC)	IS 1448 (P : 21)
32	CHEMICAL- PETROLEUM AND PRODUCTS	Fuel Oil	Kinematic Viscosity at 50 Degree	IS: 1448 (Part 25)
33	CHEMICAL- PETROLEUM AND PRODUCTS	Fuel Oil	Sediment by Extraction	IS: 1448 (Part 30)
34	CHEMICAL- PETROLEUM AND PRODUCTS	Fuel Oil	Water content by Distillation	IS: 1448 (Part 40)