National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : BBRL OIL LABORATORY, BUDGE BUDGE REFINERIES LIMITED, 23B, A.M. GHOSH ROAD, SOUTH 24 PARGANAS, KOLKATA, WEST BENGAL, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11148 **Page No** 1 of 4

Validity 12/11/2022 to 11/11/2024 **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	Vanaspati	Nickel Content	IS 10633 (3rd Revision)
2	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Acid Value	FSSAI 02.009
3	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Beta Carotene Content	FSSAI 02.041
4	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Cloud Point	FSSAI 02.015
5	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Cold Test	FSSAI 02.023
6	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Determination of Allyl-IsoThiocyanate	IS 548 (Part 1), Section-2
7	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Determination of Colour	FSSAI 02.005
8	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Determination of Iodine Value	BBRL/SOP/TM/01, Issue No.: 1, Issue Date: 01.10.2022
9	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Fatty Acid Composition: Arachidic Acid (C20:0)	IS 548 (Part 3), Section-1
10	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Fatty Acid Composition: Arachidonic Acid (C20:4)	IS 548 (Part 3), Section-1
11	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Fatty Acid Composition: Behenic Acid (C22:0)	IS 548 (Part 3), Section-1
12	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Fatty Acid Composition: Butyric Acid (C4:0)	IS 548 (Part 3), Section-1
13	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Fatty Acid Composition: Capric Acid (C10:0)	IS 548 (Part 3), Section-1

SCOPE OF ACCREDITATION

Laboratory Name : BBRL OIL LABORATORY, BUDGE BUDGE REFINERIES LIMITED, 23B, A.M. GHOSH ROAD, SOUTH 24 PARGANAS, KOLKATA, WEST BENGAL, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11148 **Page No** 2 of 4

Validity 12/11/2022 to 11/11/2024 **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
14	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Fatty Acid Composition: Caproic Acid (C6:0)	IS 548 (Part 3), Section-1
15	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Fatty Acid Composition: Caprylic Acid (C8:0)	IS 548 (Part 3), Section-1
16	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Fatty Acid Composition: Docosadienoic Acid (C22:2)	IS 548 (Part 3), Section-1
17	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Fatty Acid Composition: Eicosadienoic Acid (C20:2)	IS 548 (Part 3), Section-1
18	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Fatty Acid Composition: Eicosenoic Acid (C20:1)	IS 548 (Part 3), Section-1
19	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Fatty Acid Composition: Elaidic Acid (Trans-9 C18:1)	IS 548 (Part 3), Section-1
20	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Fatty Acid Composition: Erucic Acid (C22:1)	IS 548 (Part 3), Section-1
21	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Fatty Acid Composition: Heptadecanoic Acid (C17:0)	IS 548 (Part 3), Section-1
22	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Fatty Acid Composition: Heptadecenoic Acid (C17:1)	IS 548 (Part 3), Section-1
23	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Fatty Acid Composition: Lauric Acid (C12:0)	IS 548 (Part 3), Section-1
24	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Fatty Acid Composition: Lignoceric Acid (C24:0)	IS 548 (Part 3), Section-1
25	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Fatty Acid Composition: Linoleic Acid (C18:2)	IS 548 (Part 3), Section-1
26	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Fatty Acid Composition: Linolelaidic Acid (Trans C18:2)	IS 548 (Part 3), Section-1
27	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Fatty Acid Composition: Linolenic Acid (C18:3)	IS 548 (Part 3), Section-1

SCOPE OF ACCREDITATION

Laboratory Name : BBRL OIL LABORATORY, BUDGE BUDGE REFINERIES LIMITED, 23B, A.M. GHOSH ROAD, SOUTH 24 PARGANAS, KOLKATA, WEST BENGAL, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11148 **Page No** 3 of 4

Validity 12/11/2022 to 11/11/2024 **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
28	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Fatty Acid Composition: Myristic Acid (C14:0)	IS 548 (Part 3), Section-1
29	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Fatty Acid Composition: Oleic Acid (C18:1)	IS 548 (Part 3), Section-1
30	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Fatty Acid Composition: Palmitic Acid (C16:0)	IS 548 (Part 3), Section-1
31	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Fatty Acid Composition: Palmitoleic Acid (C16:1)	IS 548 (Part 3), Section-1
32	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Fatty Acid Composition: Stearic Acid (C18:0)	IS 548 (Part 3), Section-1
33	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Flash Point	FSSAI 02.004
34	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Free Fatty Acids	IS 548 (Part 1), Section-2
35	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Moisture Content	FSSAI 02.001
36	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	N Value from 20°C to 40°C	AOCS Method Cd 16b-93
37	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Oryzanol Content	FSSAI 02.052
38	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Para-Anisidine Value	AOCS Method Cd 18-90
39	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Peroxide Value	IS 548 (Part 1), Section-2
40	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Phosphorous Content	FSSAI 02.038
41	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Presence of Argemone Oil Test	FSSAI 02.032

National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : BBRL OIL LABORATORY, BUDGE BUDGE REFINERIES LIMITED, 23B, A.M. GHOSH ROAD, SOUTH 24 PARGANAS, KOLKATA, WEST BENGAL, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11148 **Page No** 4 of 4

Validity 12/11/2022 to 11/11/2024 **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
42	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Presence of Castor Oil Test	FSSAI 02.031
43	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Presence of Hydrocyanic Acid Test (Method B)	FSSAI 02.035
44	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Presence of Mineral Oil Test	FSSAI 02.030
45	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Presence of Sesame Oil-Baudouin Test	FSSAI 02.013
46	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Presence of TBHQ	IS 12451, (Page No.10)
47	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Presence of Vitamin A Test	FSSAI 02.040
48	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Rancidity-Kries Test	FSSAI 02.043
49	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Rancimat Analysis at 110°C to 140°C	AOCS Method Cd 12b-92
50	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Refractive Index @ 40°C	FSSAI 02.003
51	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Refractive Index @ 50°C	FSSAI 02.003
52	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Saponification Value	FSSAI 02.007
53	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Slip Melting Point	IS 548 (Part 1), Section-2
54	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Total Polar Compound Content	BBRL/SOP/IM/01, Issue No.: 1, Issue Date: 15.06.2022
55	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Unsaponifiable Matter	FSSAI 02.008