National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : FOOD RESEARCH LABORATORY, SECTOR 18/A, GANDHINAGAR, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10436 **Page No** 1 of 3

Validity 23/03/2022 to 22/03/2024 **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	Double Fortified Salt	Iron content	AOAC 2015.06
2	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Double Fortified Salt	Phosphorous as P2O5	AOAC 2015.06
3	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Oil	Saponification	IS 548 (Part 1 Section 2)
4	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Oil	Acid Value	IS 548 (Part 1 Section 2)
5	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Oil	Hexane	FSSAI Manual: 02.049.2021
6	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Oil	Iodine Value	IS 548 (Part 1 Section 2)
7	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Oil	Physical Examination (General condition: Free from suspended particle and other foreign matter)	IS 544
8	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Oil	Refractive Index at 40°C	IS 548 (Part 1 Section 2)
9	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Oil	Specific Gravity	IS 548 (Part 1 Section 2)
10	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Oil	Test of Rancidity	FSSAI Manual 02.042: 2021
11	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Oil	Unsaponifiable Matter	IS 548 (Part 1 Section 2)
12	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Food grain/Pulses	Foreign matter	IS 4333 Part-1
13	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Food Grains, Pulses	Moisture	IS 4333 Part-2

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Certificate Number TC-10436 **Page No** 2 of 3
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14	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Food Grains, Pulses	Other Edible Grains	IS 4333 Part-1
15	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Food Grains, Pulses	Physical Examination (General condition: odour, infestation, wholesome, clean and dry)	IS 4333 Part-1
16	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Food grains/pulses	Broken Grains	IS 4333 Part-1
17	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Food grains/pulses	Damaged Grains	IS 4333 Part-1
18	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Food grains/pulses	Discoloured Grains	IS 4333 Part-1
19	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Food grains/pulses	Slightly Damaged Grains	IS 4333 Part-1
20	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Food grains/pulses	Weeviled Grains	IS 4333 Part-1
21	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Foretified Rice	Vitamin B9	FSSAI Order 13.07.2020 (annexure 1B)
22	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Fortifeid Rice	Vitamin B12	AOAC 2014.02
23	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Fortified Rice	Iron	AOAC 2015.06
24	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Refined Iodized	Calcium Content	IS 7224 Annexure-F3
25	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Refined Iodized / Double Foertified Salt	Alkanity	IS 7224 Annexure J
26	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Refined Iodized / Double Foertified Salt	Matter Insoluble in diluted HCL	IS 16232 ANNEX-G Amendment No. 2
27	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Refined Iodized / Double Foertified Salt	Sulphate content	IS 7224 ANNEX-G.2 / IS 253 A-8.2

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Certificate Number TC-10436 **Page No** 3 of 3
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28	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Refined Iodized Salt/Double Fortified Salt	Water Insoluble Matter	IS 7224 ANNEX-C / IS 253 A-4
29	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Refined Iodized/ Double Fortified Salt	Iodine Content	IS 7224 ANNEX H.3.2/ IS 16232 ANNEX B
30	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Refined Iodized/ Double Fortified Salt	Physical Examination (General condition: free from contamination with clay, grit or other extraneous impurities)	IS 7224 / IS 16232
31	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Refined Iodized/Double Fortified Salt	Chloride Content as NaCl	IS 7224 ANNEX-D/ IS 253 A-5
32	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Refined Iodized/Double Fortified Salt	Magnesium Content	IS 7224 Annexure-F3 / IS 253 A-7
33	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	White Sugar	Sucrose	IS 15279
34	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	White Sugar	Colour	IS 15279
35	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	White Sugar	Extraneous matter	IS 15279
36	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	White Sugar	Physical Examination (General Condition: Crystalline, white, free from dirt, filth, iron filing and other extraneous matter)	IS 1151
37	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	White Sugar	Reducing Sugar	IS 1527
38	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	White Sugar	SO2	IS 15279