



National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



SCOPE OF ACCREDITATION

Laboratory Name MRPC, THE R & D WING OF PURI OIL MILLS LTD., 307, JYOTI SHIKHAR BUILDING, 8 DISTRICT CENTRE, JANAKPURI, DELHI, INDIA

Accreditation Standard ISO/IEC 17025:2005

Certificate Number TC-8302 Page No. : 1 / 6

Validity 27/01/2019 to 26/01/2021 Last Amended on -

'In view of the transition deadline for ISO/IEC 17025:2017, the validity of this accreditation certificate will cease on 30.11.2020.'

S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing/ Limits of Detection
Permanent Facility					
1	CHEMICAL- ANIMAL FOOD & FEEDS	Pet foods	Acid Insoluble Ash	IS 7874 (Part 1, Clause 10):1975 RA: 2014	0.5 % to 5 %
2	CHEMICAL- ANIMAL FOOD & FEEDS	Pet foods	Crude Fat	IS 7874 (Part 1, Clause 7):1975 RA: 2014	3 % to 50 %
3	CHEMICAL- ANIMAL FOOD & FEEDS	Pet foods	Crude Protein	IS 7874 (Part 1, Clause 5):1975 RA: 2014	1 % to 40 %
4	CHEMICAL- ANIMAL FOOD & FEEDS	Pet foods	Moisture Content	IS 7874 (Part 1, Clause 4):1975 RA: 2014	0.5 % to 14 %
5	CHEMICAL- ANIMAL FOOD & FEEDS	Pet foods	Total Ash	IS 7874 (Part 1, Clause 9):1975 RA: 2014	0.5 % to 14 %
6	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Biscuits	Acid Insoluble Ash	IS 1011 (Annexure C):2002 RA: 2013	0.01 % to 5.0 %
7	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Biscuits	Acidity of Extracted Fat	IS 1011 (Annexure D):2002 RA: 2013	0.01 % to 5.0 %
8	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Biscuits	Moisture Content	IS 1011 (Annexure B-2):2002 RA: 2013	2 % to 14 %
9	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Biscuits	Protein	IS 7219 (Clause 10):1973 RA: 2015	1.0 % to 40.0 %
10	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereals, Pulses & Cereal products	Acid Insoluble Ash	IS 1009 (Appendix C):1979 RA: 2015	0.00 % to 15.00 %



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11	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereals, Pulses & Cereal products	Gluten	IS 1009 (Appendix D):1979 RA: 2010	3.0 % to 15.0 %
12	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereals, Pulses & Cereal products	Moisture Content	IS 1009:1979 RA: 2015	5.0 % to 14.0 %
13	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereals, Pulses & Cereal products	Total Ash	IS 1009:1979 RA: 2015	0.5 % to 5.0 %
14	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Oil & Fats	Acids Value	IS 548 (Part 1, Clause 7):1964 RA: 2015	0.04 to 20.0
15	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible oil & fats	BTT Test (Acetic Acid Method)	IS 548 (Part 2, Clause 11):1976 RA 2015; FSSAI Lab Manual (Oil & Fats) (Clause 14): 2016	19 °C to 41 °C
16	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Oil & Fats	Moisture & Volatile Matter	IS 548 (Part 1, Clause 5.1):1964 RA: 2015	0.02 % to 1.0 %
17	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Oil & Fats	Refractive Index	IS 548 (Part 1, Clause 10):1964 RA: 2015	1.300 to 1.472
18	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible oil & fats	Refractive Index	IS 548 (Part 1, Clause 10):1964 RA: 2015	1.300 to 1.472
19	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Oils & Fats	Allyl Isothiocyanate	IS 548 (Part 1, Clause 17):1964 RA: 2015	0.01 % to 0.6 %



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20	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible oils & fats	Baudouin Test	FSSAI Lab Manual (Oil & Fats) (Clause 15): 2016	Qualitative
21	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible oils & fats	Cloud Point	FSSAI Lab Manual (Oils & Fats) (Clause 17): 2016	-3.0 °C to 40 °C
22	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible oils & fats	Cotton Seed Oil Test (Halphen Test)	FSSAI Lab Manual (Oil & Fats) (Clause 16): 2016	Qualitative
23	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Oils & Fats	Free Fatty Acids	IS 548 (Part 1, Clause 7):1964 RA: 2015	0.05 % to 2.0 %
24	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible oils & fats	Iodine Value	IS 548 (Part 1, Clause 14):1964 RA: 2015	50 to 200
25	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible oils & fats	Melting Point	IS 548 (Part 1, Clause 9.1):1964 RA: 2015	25 °C to 50 °C
26	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible oils & fats	Peroxide Value	IS 548 (Part 1, Clause 20):1964 RA: 2015	1.0 milli eq/kg to 100 milli eq/kg
27	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible oils & fats	Polybromide Test	FSSAI Lab Manual (Oil & Fats) (Clause 20): 2016	Qualitative
28	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible oils & fats	Presence of Argemone Oil	FSSAI Lab Manual (Oil & Fats) (Clause 30): 2016	Qualitative



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Certificate Number TC-8302 Page No. : 4 / 6

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29	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible oils & fats	Presence of Castor Oil	IS 548 (Part 2, Clause 15):1976 RA:2015; FSSAI Lab Manual (Oil & Fats) (Clause 17): 2016	Qualitative
30	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible oils & fats	Presence of Hydrocyanic Acid	IS 548 (Part 2, Clause 11): 1976 RA:2015; FSSAI Lab Manual (Oil & Fats) (Clause 28): 2016	Qualitative
31	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible oils & fats	Presence of Karanja (Pongamia Glabra)	IS 548 (Part 2, Clause 4):1976 RA: 2015	Qualitative
32	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible oils & fats	Presence of Mineral Oil	IS 548 (Part 2, Clause 12): 1976 RA:2015; FSSAI Lab Manual (Oil & Fats) (Clause 28): 2016	Qualitative
33	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible oils & fats	Saponification Value	IS 548 (Part 1, Clause 15):1964 RA: 2015	50 to 260
34	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible oils & fats	Specific Gravity	IS 548 (Part 1, Clause 11.3):1964 RA: 2015	0.800 to 1.000
35	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible oils & fats	Synthetic Oil Soluble Colour	IS 548 (Part 1):1964 RA: 2015	Qualitative
36	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible oils & fats	Unsaponifiable Matter	IS 548 (Part 1, Clause 8):1964 RA: 2015	0.2 % to 5.0 %



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Certificate Number TC-8302 Page No. : 5 / 6

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37	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Oil seeds	Acid Insoluble Ash	IS 3579 (Part 1):1966 RA: 2015	0.5 % to 1.5 %
38	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Oil seeds	Carbohydrate	AOAC 986.25 (20 Edition)/ By Computation: 2016	20 % to 70 %
39	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Oil seeds	Determination of Foreign Matter	IS 3579 (Part 1, Clause 8):1966 RA: 2015	0.5 % to 20 %
40	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Oil seeds	Moisture Content	IS 3579 (Part 1, Clause 5.1):1966 RA: 2015	5 % to 14 %
41	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Oil seeds	Oil Content	IS 3579 (Part 1, Clause 5.2):1966 RA: 2015	15 % to 45 %
42	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Oil seeds	Protein	IS 3579 (Part 1):1966 RA: 2015	5 % to 15 %
43	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Spices & Condiments	Acid Insoluble Ash	IS 1797 (Clause 8): 2017	0.05 % to 30 %
44	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Spices & Condiments	Alcohol Soluble Extract	IS 1797 (Clause 10): 2017	0.04 % to 50 %
45	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Spices & Condiments	Cold Water Soluble Extract	IS 1797 (Clause 11): 2017	0.04 % to 50 %



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46	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Spices & Condiments	Crude Fibre	IS 1797 (Clause 13): 2017	0.2 % to 35 %
47	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Spices & Condiments	Extraneous Matter	IS 1797 (Clause 4): 2017	0.1 % to 30 %
48	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Spices & Condiments	Moisture (on Dry Basis)	IS 1797 (Clause 9): 2017	1.0 % to 30.0 %
49	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Spices & Condiments	Non-Volatile Ether Extract	IS 1797 (Clause 14): 2017	0.5 % to 40 %
50	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Spices & Condiments	Protein	IS 7219:1973 RA: 2015	0.2 % to 25 %
51	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Spices & Condiments	Salt	IS 1797 (Clause 16): 2017	0.2 % to 25 %
52	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Spices & Condiments	Total Ash	IS 1797 (Clause 6): 2017	1.0 % to 30.0 %
53	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Spices & Condiments	Volatile Oil	IS 1797 (Clause 15): 2017	0.1 % to 20 %
54	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Spices & Condiments	Water Insoluble Ash	IS 1797 (Clause 7): 2017	0.5 % to 5 %