

Laboratory	State Public Health Laboratory, Stavelly Road, Cantonment Water Works Compound, Pulgate, Pune, Maharashtra		
Accreditation Standard	ISO/IEC 17025: 2005		
Discipline	Chemical Testing	Issue Date	23.02.2015
Certificate Number	T-3313	Valid Until	22.02.2017
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S.No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
I. FOOD & AGRICULTURAL PRODUCTS				
1.	Spices & Condiments and Other Related Prodcuts, Chillies Turmeric, Dhania, Cummin, (Whole & Powder)	Moisture	DGHS Lab. Manual No. 10 (2005) S. No. 03 Pg 02	0.25 % to 25 %
		Total Ash	DGHS Lab. Manual No. 10 (2005) S. No. 04 Pg 05	0.05 % to 20 %
		Acid insoluble ash	DGHS Lab. Manual No. 10 (2005) S. No. 05 Pg 07	0.05 % to 2.0 %
		Non-Volatile Ether Extract	DGHS Lab. Manual No. 10 (2005) S. No. 09 Pg 13	0.02 % to 25 %
		Volatile Oil	DGHS Lab. Manual No. 10 (2005) S. No. 10 Pg 14	0.05 v/w % to 20 v/w %
2.	Cereal, Pulses & by Products	Total Ash	DGHS Lab. Manual No. 10 (2005) S. No. 8.3 Pg 17	0.05 % to 5.0 %
		Acid insoluble ash	DGHS Lab. Manual No. 10 (2005) S. No. 8.4 Pg 18	0.05 % to 2.5 %
3.	Oil, Fats & Related Products	Saponification Value	DGHS Lab. Manual No. 10 (2005) S. No. 9.0 Pg 22	100 to 300
		Iodine Value	DGHS Lab. Manual No. 10 (2005) S. No. 12.0 Pg 30	5 to 250
		Acid Value	DGHS Lab. Manual No. 10 (2005) S. No. 11.0 Pg 28	0.05 % to 15 %
		Bellier Test	DGHS Lab. Manual No. 10 (2005) S. No. 14.0 Pg 41	10 °C to 60 °C

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4.	Milk	Total Solids	IS 12333: 1997 (RA 2012)	0.1 % to 35 %
5.	Ghee	Reichert Meissel Value	AOAC 19 th Edn. 2012, 925.41	1 to 35
6.	Tea Powder	Total Ash	DGHS Lab. Manual No. 10 (2005) S. No. 5.3 Pg 21	1 % to 10 %
		Alkalinity of Soluble Ash	DGHS Lab. Manual No. 10 (2005) S. No. 5.7 Pg 21	1 % to 5 %
7.	Assorted Foods, Prepared Foods Biscuits, Proprietary Foods, Nutrional Supplements)	Protein	DGHS Lab. Manual No. 10 (2005) S. No. 8.8 Pg 22	1 % to 65 %
II. WATER				
1.	Packaged Drinking Water/ Drinking Water	pH	APHA 22 nd Edn. 2012(4500-H ⁺ B)	1 to 14
		Alkalinity	IS 3025 (Part 23): 1998	1.0 mg/L to 500 mg/L
		Total Hardness	APHA 22 nd Edn. 2012 (3500-Ca.B)	1.0 mg/L to 500 mg/L
		Chloride	APHA 22 nd Edn. 2012 (4500-Cl.B)	1.0 mg/L to 500 mg/L
		Fluoride	APHA 22 nd Edn. 2012 (4500-F D)	0.1 mg/L to 5 mg/L
		Nitrate	APHA 22 nd Edn. 2012 (4500-NO ₃ B)	1.0 mg/L to 100 mg/L

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