

Laboratory Prodcontrol (India) Pvt. Ltd. (Laboratory Division), 643 B, Block "O",
1st Floor, New Alipore, Kolkata, West Bengal

Accreditation Standard ISO/IEC 17025: 2005

Certificate Number TC-7415

Page 1 of 1

Validity 22.07.2019 to 21.06.2020

Last Amended on --

Sl.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
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CHEMICAL TESTING

I.	FOOD AND AGRICULTURAL PRODUCTS			
1.	Tea	Loss In Mass at 103 °C	IS 13853: 2003 (RA 2013)	1 % to 20 %
		Total Ash	IS 13854:1994 (RA 2009)	1.0 % to 10.0 %
		Water Soluble Ash	IS 13855:1993 (RA 2009)	30 % to 60 %
		Acid Insoluble Ash	IS 13857:1993 (RA 2009)	0.05 % to 5.0 %
		Alkalinity of Water Soluble Ash	IS 13856:1993 (RA 2009)	1.0 % to 10.0 %
		Crude Fibre	IS 10226 (Part 1): 1982 (RA 2015)	2 % to 20 %
		Water Extract	IS 13862:1999 (RA 2009)	15 % to 40 %
II.	WATER			
1.	Drinking Water	Turbidity	APHA 23rd Edition, 2130 B	1.0 NTU to 10.0 NTU
		Total Dissolved Solids	IS 3025 (Part 16): 1984 (RA 2017)	50 mg/L to 2000 mg/L
		Chlorides as Cl	APHA 23 rd Edition, 4500Cl- B	10 mg/L to 2000 mg/L
		Total Hardness as CaCO ₃	IS 3025 (Part 21): 2009 (RA 2014)	10 mg/L to 2000 mg/L
		Calcium Hardness as Ca	IS 3025 (Part 40): 1991 (RA 2014)	10 mg/L to 500 mg/L
		Magnesium Hardness as Mg	APHA 23 rd Edition, 3500 Mg B	10 mg/L to 500 mg/L
		Total Alkalinity	IS 3025 (Part 23): 1986 (RA 2014)	50 mg/L to 1000 mg/L
		Iron	APHA 23rd Edition, 3500 Fe B	0.1 mg/L to 10 mg/L
		Sulphate	IS 3025 (24): 1986(RA 2014)	5 mg/L to 40 mg/L
		Nitrate	APHA 23 rd Edition, 4500NO - B	0.1 mg/L to 10 mg/L