

Laboratory	Nepal Bureau of Standards and Metrology, Chemical Laboratory, Ministry of Industry, Government of Nepal, Balaju, Kathmandu, Nepal		
Accreditation Standard	ISO/IEC 17025: 2005		
Discipline	Chemical Testing	Issue Date	11.01.2014
Certificate Number	T-2784	Valid Until	10.01.2016
Last Amended on	-	Page	1 of 2

S.No.	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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I. WATER

1.	Mineral Water	pH	APHA 4500-H ⁺ B, 22 nd Edition	1 to 14
	Bottled Packed Processing Drinking Water	TDS	APHA 2540 C, 22 nd Edition	30 mg/l to 1500 mg/l
		Chloride	APHA 4500-CL ⁻ B 22 nd Edition	0.1 mg/l to 400 mg/l
	Natural Spring Water	Total Hardness	APHA 2340 C, 22 nd Edition	5 mg/l to 1000 mg/l
	Tap Water	Iron	APHA 3111 B, 22 nd Edition	0.01 mg/l to 6 mg/l
	Ground Water	Manganese	APHA 3111 B, 22 nd Edition	0.1 mg/l to 5 mg/l
		Cadmium	APHA 3111 B, 22 nd Edition	0.01 mg/l to 2 mg/l
		Chromium	APHA 3111 B, 22 nd Edition	0.1 mg/l to 5 mg/l
		Nickel	APHA 3111 B, 22 nd Edition	0.2 mg/l to 5 mg/l
		Copper	APHA 3111 B, 22 nd Edition	0.1 mg/l to 5 mg/l
		Zinc	APHA 3111 B, 22 nd Edition	0.1 mg/l to 5 mg/l
		Lead	APHA 3113 B, 22 nd Edition	0.5 mg/l to 10mg/l
		Lead	APHA 3111 B, 22 nd Edition	0.01 mg/l to 0.1 mg/l

II. METALS & ALLOYS

1.	G.I. Wire	Mass of Zinc Coating	NS: 213-2046	25 gm/m ² to 500 gm/m ²
		Uniformity of Coating	NS: 210-2046	Qualitative

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Last Amended on - **Page** 2 of 2

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2.	G.I. Pipe	Mass of Zinc Coating	NS:213-2046	50 gm/m ² to 1000 gm/m ²
		Uniformity of Coating	NS:210-2046	Qualitative
III. FOOD & AGRICULTURAL PRODUCTS				
1.	Instant Noodles	Moisture	NS: 71-2041	0.1% to 15%
		Total Ash	NS: 71-2041	0.5% to 10%
		Acid Insoluble Ash	NS: 71-2041	0.05% to 2%
		Gruel Content	NS: 71-2041	1% to 25%
		Total Protein	NS: 71-2041	1% to 25%
		Acid Value of Extracted Fat	NS: 27-2040	0.5% to 5%
		Peroxide Value of Extracted Fat	NS: 27-2040	1 to 100 milliequivalent/kg
		Acid Value of Pocket Oil	NS: 138-2044	0.5% to 5%
		Peroxide Value of Pocket Oil	NS: 138-2044	1 to 100 milliequivalent/kg

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