

<b>Laboratory</b>	<b>Shivali Food Testing &amp; Research Lab, S.C.F 82, Govind Vihar, Baltana, Zirakpur, Mohali, Punjab</b>		
<b>Accreditation Standard</b>	<b>ISO/IEC 17025: 2005</b>		
<b>Discipline</b>	<b>Chemical Testing</b>	<b>Issue Date</b>	<b>01.06.2015</b>
<b>Certificate Number</b>	<b>T-3459</b>	<b>Valid Until</b>	<b>31.05.2017</b>
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<b>S.No.</b>	<b>Product / Material of Test</b>	<b>Specific Test Performed</b>	<b>Test Method Specification against which tests are performed</b>	<b>Range of Testing / Limits of Detection</b>
<b>I. WATER</b>				
<b>1.</b>	<b>Drinking Water</b>	Turbidity	IS 3025 (Part 10): 2002 (RA 1996)	0.1 NTU to 10 NTU
		pH	IS 3025 (Part 11): 1983 (RA 2006)	6.0 to 8.5
		Total Dissolved Solids	IS 3025 (Part 16): 1986 (RA 2006)	10 mg/l to 1000 mg/l
		Total Hardness	IS 3025 (Part 21): 1983 (RA 2002)	10 mg/l to 1000 mg/l
		Alkalinity	IS 3025 (Part 23): 1986 (RA 1998)	0.5 mg/l to 500 mg/l
		Sulphates	IS 3025 (Part 24): 1986 (RA 2003) Method 4	1 mg/l to 40 mg/l
		Chloride	IS 3025 (Part 32): 1988 (RA 2003) Method 2	0.10 mg/l to 200 mg/l
		Calcium	IS 3025 (Part 40): 1991 (RA 2003) Method 5	1 mg/l to 200 mg/l
		Magnesium	IS 3025 (Part 46): 1994 (RA 2009) Method 6	1 mg/l to 100 mg/l
<b>II. FOODS AND AGRICULTURAL PRODUCTS</b>				
<b>1.</b>	<b>Wheat Atta</b>	Moisture	IS 1155: 1968 (RA 2010)	5.0 % to 15.0 %
		Total Ash	IS 1155: 1968 (RA 2010)	0.5 % to 2.0 %
		Acid insoluble ash	IS 1155: 1968 (RA 2010)	0.02 % to 0.30 %
		Alcoholic Acidity	IS 1155: 1968 (RA 2010)	0.02 % to 0.20 %

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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
	<b>Wheat Atta</b>	Wet Gluten	IS 1155: 1968 (RA 2010)	14.0 % to 40.0 %
		Dry Gluten	IS 1155: 1968 (RA 2010)	5.0 % to 15.0 %
<b>2.</b>	<b>Maida</b>	Moisture	IS 1009: 1979 (RA 2009)	5.0 % to 15.0 %
		Total Ash	IS 1009: 1979 (RA 2009)	0.3 % to 1.0 %
		Acid insoluble ash	IS 1009: 1979 (RA 2009)	0.02 % to 0.30 %
		Alcoholic Acidity	IS 1009: 1979 (RA 2009)	0.02 % to 0.5 %
		Wet Gluten	IS 1009: 1979 (RA 2009)	5.0 % to 40.0 %
		Dry Gluten	IS 1009: 1979 (RA 2009)	1.0 % to 20.0 %

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