

<b>Laboratory</b>	<b>Avantha Centre for Industrial Research &amp; Development, Paper Mills Campus, Yamuna Nagar, Haryana</b>		
<b>Accreditation Standard</b>	<b>ISO/IEC 17025: 2005</b>		
<b>Discipline</b>	<b>Chemical Testing</b>	<b>Issue Date</b>	<b>22.08.2014</b>
<b>Certificate Number</b>	<b>T-3078</b>	<b>Valid Until</b>	<b>21.08.2016</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.</b>	<b>WATER</b>			
<b>1.</b>	<b>Waste Water</b>	pH	IS: 3025 (Part 11)-1983, 1 <sup>st</sup> revision, Reaffirmed 2006, Electrometric Method	1-13
		Temperature	IS: 3025 (Part 9)-1984, 1 <sup>st</sup> revision, Reaffirmed 2002	0-100 °C
		Total Solids	IS: 3025 (Part 15)-1984, 1 <sup>st</sup> revision, 1 <sup>st</sup> amendment, Reprint 2008	2.5-2500 mg/l
		Total Suspended Solids	IS: 3025 (Part 17)-1984, 1 <sup>st</sup> revision, 1 <sup>st</sup> amendment, Reaffirmed 2012	2.5-2500 mg/l
		Total Dissolved Solids	IS: 3025 (Part 16)-1984, 1 <sup>st</sup> revision, 1 <sup>st</sup> amendment, Reprint 2008	2.5-2500 mg/l
		Chemical Oxygen Demand	IS: 3025 (Part 58)-2006, 1 <sup>st</sup> revision, 2006	10-900 mg/l
		Biochemical Oxygen Demand (BOD) 3 Days at 27 °C	IS: 3025 (Part 44)-1993, 1 <sup>st</sup> revision 1st amendment, Reaffirmed 2009	2-200 mg/l
		Sulphate	IS: 3025 (Part 24)-1986, 1 <sup>st</sup> revision, Reaffirmed 2009, Gravimetric Method	10-1000 mg/l

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		Chloride	IS 3025 (Part 32)-1988, Reprint 2010, Argentometric Method	3-3000 mg/l
		Acidity	IS: 3025 (Part 22)- 1986, 1 <sup>st</sup> revision, Reaffirmed 2009	2 - 500 mg/l
		Alkalinity	IS: 3025 (Part 23)-1986,1 <sup>st</sup> revision, 2 <sup>nd</sup> amendment, Reprint 2010	2 - 500 mg/l
		Total Hardness	IS: 3025 (Part 21)-1983, 2 <sup>nd</sup> revision, Reaffirmed 2009, EDTA Method	2-500 mg/l
		Total Chromium	APHA Method 3111 B, 22 <sup>nd</sup> Edition, 2012	1-25 mg/l
		Na	APHA Method 3111 B, 22 <sup>nd</sup> Edition, 2012	0.14 - 154 mg/l
		K	APHA Method 3111 B, 22 <sup>nd</sup> Edition, 2012	0.4-600 mg/l
		Mg	APHA Method 3111 B, 22 <sup>nd</sup> Edition, 2012	0.07-560 mg/l
		Mn	APHA Method 3111 B, 22 <sup>nd</sup> Edition, 2012	0.6-66 mg/l

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		Fe	APHA Method 3111 B, 22 <sup>nd</sup> Edition, 2012	1.6-176 mg/l
		Co	APHA Method 3111 B, 22 <sup>nd</sup> Edition, 2012	1.5-27 mg/l
		Ni	APHA Method 3111 B, 22 <sup>nd</sup> Edition, 2012	1.4-378 mg/l
		Cu	APHA Method 3111 B, 22 <sup>nd</sup> Edition, 2012	0.7-126 mg/l
		Zn	APHA Method 3111 B, 22 <sup>nd</sup> Edition, 2012	0.25-8750 mg/l
		Cd	APHA Method 3111 B, 22 <sup>nd</sup> Edition, 2012	0.25-537.5 mg/l
		Pb	APHA Method 3111 B, 22 <sup>nd</sup> Edition, 2012	3.5-70 mg/l
		Al	APHA Method 3111 D, 22 <sup>nd</sup> Edition, 2012	15-330 mg/l
		Ca	APHA Method 3111 B, 22 <sup>nd</sup> Edition, 2012	0.5–600 mg/l

