

<b>Laboratory</b>	<b>Analitika Ecolab Pvt. Ltd., 63/1, Kailash Vihar, Near ITO, City Centre Phase II, Gwalior, Madhya Pradesh</b>		
<b>Accreditation Standard</b>	<b>ISO/IEC 17025:2005</b>		
<b>Discipline</b>	<b>Chemical Testing</b>	<b>Issue Date</b>	<b>29.11.2013</b>
<b>Certificate Number</b>	<b>T-2722</b>	<b>Valid Until</b>	<b>28.11.2015</b>
<b>Last Amended on</b>	<b>-</b>	<b>Page</b>	<b>1 of 3</b>

<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>Water (Ground Water, Surface Water, Potable Water)</b>	Colour	2120 C, 2-7 to 2-8, APHA 22 <sup>nd</sup> Edition, 2012	1-500 Hazen unit
		pH	4500-H <sup>+</sup> B, 4-91 to 4-96, APHA 22 <sup>nd</sup> Edition, 2012	0.4 – 13.6
		Turbidity	2130 B, 2-13 to 2-15, APHA 22 <sup>nd</sup> Edition, 2012	2 - 40 NTU
		Conductivity	2510 B2-52 to 2-55, APHA 22 <sup>nd</sup> Edition, 2012	2 – 20000 µS/cm
		Total Dissolved Solids (TDS)	2540 C, 2-65, APHA 22 <sup>nd</sup> Edition, 2012	10-5000 mg/L
		Acidity as CaCO <sub>3</sub>	2310 B, 2-31 to 2-33, APHA 22 <sup>nd</sup> Edition, 2012	2-150 mg/L
		Alkalinity as HCO <sub>3</sub> <sup>-</sup>	2320 B, 2-34 to 2-36, APHA 22 <sup>nd</sup> Edition, 2012	2-500 mg/L
		Ammoniacal Nitrogen	4500-NH <sub>3</sub> C, 4-112, APHA 22 <sup>nd</sup> Edition, 2012	0.04 -25 mg/L
		Chloride as Cl <sup>-</sup>	4500- Cl <sup>-</sup> B, 4-72 to 4-78, APHA 22 <sup>nd</sup> Edition, 2012	2-4000 mg/L
		Total Hardness as CaCO <sub>3</sub>	2340 C, 2-44 to 2-47, APHA 22 <sup>nd</sup> Edition, 2012	2-600 mg/L
	Total Kjeldahl nitrogen (TKN)	4500-N <sub>org</sub> B, 4-132 to 4-133, APHA 22 <sup>nd</sup> Edition, 2012	1-50 mg/L	

<b>Laboratory</b>	<b>Analitika Ecolab Pvt. Ltd., 63/1, Kailash Vihar, Near ITO, City Centre Phase II, Gwalior, Madhya Pradesh</b>		
<b>Accreditation Standard</b>	<b>ISO/IEC 17025:2005</b>		
<b>Discipline</b>	<b>Chemical Testing</b>	<b>Issue Date</b>	<b>29.11.2013</b>
<b>Certificate Number</b>	<b>T-2722</b>	<b>Valid Until</b>	<b>28.11.2015</b>
<b>Last Amended on</b>	<b>-</b>	<b>Page</b>	<b>2 of 3</b>

<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>
		Nitrate nitrogen as NO <sub>3</sub>	4500-NO <sub>3</sub> <sup>-</sup> B, 4-122 to 4-123, APHA 22 <sup>nd</sup> Edition, 2012 (Ultraviolet Spectrophotometric Method)	0.3-50 mg/L
		Phosphate as PO <sub>4</sub>	4500-P D, 4-154 to 4-155, APHA 22 <sup>nd</sup> Edition, 2012	0.1-5 mg/L
		Sulphate as SO <sub>4</sub>	4500-SO <sub>4</sub> <sup>2-</sup> E, 4-190 to 4-191, APHA 22 <sup>nd</sup> Edition, 2012	2-400 mg/L
		Calcium as Ca	3500-Ca B, 3-67 to 3-68, APHA 22 <sup>nd</sup> Edition, 2012	2-250 mg/L
		Magnesium as Mg	3500-Mg B, 3-84, APHA 22 <sup>nd</sup> Edition, 2012	2-200 mg/L
		Potassium as K	3500-K B, 3-87 to 3-88, APHA 22 <sup>nd</sup> Edition, 2012	0.2-100 mg/L
		Sodium as Na	3500-Na B, 3-97 to 3-98, APHA 22 <sup>nd</sup> Edition, 2012	0.2-100 mg/L
<b>2.</b>	<b>Wastewater (ETP &amp; STP Effluent)</b>	pH	4500-H <sup>+</sup> B, 4-91 to 4-96, APHA 22 <sup>nd</sup> Edition, 2012	0.2 -13.6
		Total Solids	2540 B, 2-64, APHA 22 <sup>nd</sup> Edition, 2012	10-2000 mg/L
		Total Dissolved Solids (TDS)	2540 C, 2-65, APHA 22 <sup>nd</sup> Edition, 2012	10-2000 mg/L
		Total Suspended Solids (TSS)	2540 D, 2-66 t 2-67, APHA 22 <sup>nd</sup> Edition, 2012	10-1000 mg/L

