

Laboratory **Ultimate Envirollytical Solutions, HDD-272, Phase III, Kabir Nagar, Raipur, Chhattisgarh**

Accreditation Standard **ISO/IEC 17025: 2005**

Certificate Number **TC-6065**

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Validity **01.08.2017 to 31.07.2019**

Last Amended on **30.08.2018**

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.	POLLUTION & ENVIRONMENT				
1.	Soil	pH Value	IS 2720 (Part 26)	4.1 to 10	
		Specific Electrical Conductivity	IS 14767	0.1 µS/cm to 200 mS/cm	
2.	Waste Water (Effluent/Sewage)	pH Value	IS 3025 (Part 11)	4.1 to 10	
		Total Suspended Solids	IS 3025 (Part 17)	50 mg/l to 5000 mg/l	
		Total Dissolved Solids	IS 3025 (Part 16)	100 mg/l to 20000 mg/l	
		Chlorides	IS 3025 (Part 32)	50 mg/l to 10000 mg/l	
		Iron	IS 3025 (Part 53)	0.3 mg/l to 100 mg/l	
		COD	IS 3025 (Part 58)	8 mg/l to 20000 mg/l	
		Fluoride	IS 3025 (Part 60)	0.1 mg/l to 200 mg/l	
		Sulphate	IS 3025 (Part 24)	10 mg/l to 1000 mg/l	
	Copper	IS 3025 (Part 42)	0.5 mg/l to 100 mg/l		
II.	WATER				
1.	Drinking Water/Ground Water/Surface Water/Packaged Drinking Water/ Swimming Pool Water/Irrigation Water/Water From Purifier/Industrial Water	pH Value	IS 3025 (Part 11)	4.1 to 10	
		Specific Conductance	IS 3025 (Part 14)	0.1 µS/cm to 200 mS/cm	
		Total Dissolved Solids	IS 3025 (Part 16)	10 mg/l to 5000 mg/l	
		Calcium	IS 3025 (Part 40)	20 mg/l to 500 mg/l	
		Total hardness	IS 3025 (Part 21)	20 mg/l to 1000 mg/l	
		Total alkalinity	IS 3025 (Part 23)	20 mg/l to 1000 mg/l	
		Chlorides	IS 3025 (Part 32)	10 mg/l to 1000 mg/l	
		Iron	IS 3025 (Part 53)	0.1 mg/l to 100 mg/l	
		Fluoride	IS 3025 (Part 60)	0.1 mg/l to 20 mg/l	
		Sulphate	IS 3025 (Part 24), Clause 4	1 mg/l to 400 mg/l	
			Copper	IS 3025 (Part 42)	0.05 mg/l to 100 mg/l

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III.	FOOD & AGRICULTURAL PRODUCTS			
1.	Herbs, Spices & Condiments	Total Ash	IS 1797	0.5 % to 10 %
		Ash Insoluble In Hcl		0.1 % to 5 %
		Alcohol Soluble Extract		1 % to 10 %