

**Laboratory**                      **Adept Pharma and Bioscience Excellence Private Limited,**  
**Plot No. 30 & 31, Survey No. 196-198, 1<sup>st</sup> Floor, Moosapet, Medchal**  
**(D), Telangana**

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

**Certificate Number**        **TC-7450**

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**Validity**                         **22.06.2018 to 21.06.2020**

**Last Amended on 04.07.2018**

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.	<b>WATER</b>			
<b>1.</b>	<b>Drinking Water / Bore well Water</b>	pH @ 25°C	IS 3025 (Part 11)	2 to 12
		Electrical Conductivity @ 25°C	IS 3025 (Part 14) ISO 7888	2 µmho/cm to 10000 µmho/cm
		Total Hardness as CaCO <sub>3</sub>	IS 3025 (Part 21)	2 mg/L to 500 mg/L
		Calcium as Ca	IS 3025 (Part 40)	2 mg/L to 250 mg/L
		Magnesium as Mg	IS 3025 (Part 46)	1 mg/L to 100 mg/L
		Nitrate Nitrogen as NO <sub>3</sub>	IS 3025 (Part 34)	1 mg/L to 100 mg/L
		Nitrite Nitrogen as NO <sub>2</sub>	IS 3025 (Part 34)	0.1 mg/L to 25 mg/l
		Fluorides as F <sup>-</sup>	IS 3025 (Part 60)	0.2 mg/L to 5 mg/L
		Phosphorus as P	IS 3025 (Part 31)	0.5 mg/L to 50 mg/L
		Boron as B	IS 3025 (Part 57)	0.1 mg/L to 50 mg/L
		Iron as Fe	IS 3025 (Part 53)	0.1 mg/L to 50 mg/L
		Chemical Oxygen Demand	IS 3025 (Part 58)	10 mg/L to 150 mg/l
		Biochemical Oxygen Demand @ 27°C for 3 days	IS 3025 (Part 44)	4 mg/L to 50mg/l
		Hexavalent Chromium	IS 3025 (Part 52)	0.05 mg/L to 50 mg/L
		Acidity as CaCO <sub>3</sub>	IS 3025 (Part 22)	2 mg/L to 250 mg/L
		Silica as SiO <sub>2</sub>	IS 3025 (Part 35)	1 mg/L to 50 mg/L
		Oil & Grease	IS 3025 (Part 39)	2 mg/L to 50 mg/L
Total Dissolved Solids	IS 3025 (Part 16)	10 mg/L to 5000 mg/l		
Sulphate as SO <sub>4</sub>	IS 3025 (Part 24)	2 mg/L to 500 mg/L		
Chlorides as Cl	IS 3025 (Part 32)	5 mg/L to 1000mg/l		
Alkalinity as CaCO <sub>3</sub>	IS 3025 (Part 23)	1 mg/L to 1000 mg/L		
Dissolved Oxygen	IS 3025 (Part 38)	1 mg/L to 10 mg/l		

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Sl.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
2.	<b>Packaged Drinking Water</b>	pH @ 25°C	IS 3025 (Part 11)	2 to 12
		Total Dissolved Solids	IS 3025 (Part 16)	10 mg/L to 1000 mg/l
		Total Hardness as CaCO <sub>3</sub>	IS 3025 (Part 21)	2 mg/L to 250 mg/L
		Alkalinity as CaCO <sub>3</sub>	IS 3025 (Part 23)	1 mg/L to 250 mg/L
		Chlorides as Cl	IS 3025 (Part 32)	5 mg/L to 250 mg/l
		Sulphates as SO <sub>4</sub>	IS 3025 (Part 24)	2 mg/L to 100 mg/L
		Calcium as Ca	IS 3025 (Part 40)	2 mg/L to 100 mg/L
		Fluoride as F <sup>-</sup>	IS 3025 (Part 60)	0.2 mg/L to 5 mg/L
		Magnesium as Mg	IS 3025 (Part 46)	1 mg/L to 50 mg/L
<b>II. DRUGS &amp; PHARMACEUTICALS</b>				
<b>A. DRUGS SUBSTANCES (API)</b>				
1.	<b>Cetirizine Hydrochloride</b>	Assay by Titration	Indian Pharmacopoeia	99 % to 101 %
2.	<b>Fexofenadine Hydrochloride</b>	Assay by HPLC	United State Pharmacopoeia	98 % to 102 %
		Identification-A by IR		4000 cm <sup>-1</sup> to 600 cm <sup>-1</sup>
3.	<b>Ketorolac tromethamine</b>	Identification-A by IR	United State Pharmacopoeia	4000 cm <sup>-1</sup> to 600 cm <sup>-1</sup>
4.	<b>Tramadol Hydrochloride</b>	Identification-A by IR	United State Pharmacopoeia	4000 cm <sup>-1</sup> to 600 cm <sup>-1</sup>
5.	<b>Loperamide Hydrochloride</b>	Identification-A by IR	United State Pharmacopoeia	4000 cm <sup>-1</sup> to 600 cm <sup>-1</sup>

**\*NOTE:** The Laboratory has demonstrated competence for the stated scope for **WATER**. This however **does not fully cover** the specification requirements of **BIS for the Packaged Drinking Water as per IS:14543 and the Packaged Natural Mineral Water IS:13428.**