



## CERTIFICATE OF ANALYSIS

**PRODUCT NAME: ETHYLENE DIAMINE TETRA ACETIC ACID DISODIUM SALT AR**

<b>CAS No</b>	<b>: 6381-92-6</b>	<b>Product code</b>	<b>: 23180</b>
<b>Mol. Formula</b>	<b>: C<sub>10</sub>H<sub>14</sub>N<sub>2</sub>Na<sub>2</sub>O<sub>8</sub>.2H<sub>2</sub>O</b>	<b>Batch No</b>	<b>: MCRT-28748</b>
<b>Mol. WT</b>	<b>: 372.24</b>	<b>Mfd.</b>	<b>: July 2023</b>
<b>Date of analysis</b>	<b>: 11/07/23</b>	<b>Exp.</b>	<b>: June 2028</b>

S.R	Test	Specification	Observation
1	<b>Description</b>	White powder or Crystalline powder	White powder.
2	<b>Assay (chelometric; on anhydrous substance)</b>	99.5 % w/w min	99.71% w/w
3	<b>pH (5% aq.solution)</b>	4.3 – 4.7	4.42
4	<b>Water insoluble matter</b>	0.003 % max	0.001%
5	<b>Chloride (Cl)</b>	0.004 % max	< 0.004 %
6	<b>Sulphate (SO<sub>4</sub>)</b>	0.02 % max	< 0.02 %
7	<b>Lead ( Pb)</b>	0.0005 % max	<0.0005%
8	<b>Iron (Fe)</b>	0.001 % max	<0.001%
9	<b>Copper (Cu)</b>	0.0001 % max	<0.0001%

**REMARK:** THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

**[Tested By]**

**[QC Incharge]**

**CHEMIST  
(Priyanka)**

**HEAD-QUALITY ASSURANCE  
(G.G.Salian)**

**Note:** Computer generated image requires no sign.

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