

## CERTIFICATE OF ANALYSIS

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

CAS No	: 6381-92-6	Product code	: 23180
Mol. Formula	: 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	Batch No	: MCAR-00536
Mol. WT	: 372.24	Mfd.	: Aug. 2024
Date of analysis	: 31/08/24	Exp.	: July 2029

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	99.86% w/w
3	<b>pH (5% aq.solution)</b>	4.3 – 4.7	4.31
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]**



**CHEMIST  
(Shruti)**

**[QC Incharge]**



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

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