

## 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-01250
Mol. WT	: 372.24	Mfd.	: Feb. 2025
Date of analysis	: 15/02/25	Exp.	: Jan. 2030

S.R	Test	Specification	Observation
1	<b>Description</b>	White powder or Crystalline powder	White crystalline powder
2	<b>Assay (chelometric; on anhydrous substance)</b>	99.5 % w/w min	99.65% w/w
3	<b>pH (5% aq.solution)</b>	4.3 – 4.7	4.35
4	<b>Water insoluble matter</b>	0.003 % max	0.002%
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)**

MOLYCHEM H.Q. : Maker Tower 'E', 41-A2, 4th Floor, Above Maker Arcade, Cuffe Parade, Mumbai 400 005 (INDIA)

Tel. : +91 22 4066 8111 • Email: [info@molychem.net](mailto:info@molychem.net) • Web: [www.molychem.net](http://www.molychem.net)

Reg. Office : 78/80 Babu Genu Road, Souri Bldg., 2nd Floor, Mumbai - 400 002 (INDIA)

Works : Unit I - Plot No. B/9, Unit II - Plot No. B/11, Badlapur M.I.D.C., Opp. Shobhavat Textile Co., Kulgaon, Badlapur (E), Dist.-Thane-421 503.