

## CERTIFICATE OF ANALYSIS

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

<b>CAS No</b>	: 6381-92-6	<b>Product code</b>	: 23180
<b>Mol. Formula</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>Batch No</b>	: MCAR-00059
<b>Mol. WT</b>	: 372.24	<b>Mfd.</b>	: April 2024
<b>Date of analysis</b>	: 20/04/24	<b>Exp.</b>	: March 2029

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	99.57% w/w
3	<b>pH (5% aq.solution)</b>	4.3 – 4.7	4.33
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**  
**(Jyoti)**

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

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

**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.