

## CERTIFICATE OF ANALYSIS

**PRODUCT NAME : ETHYLENE DIAMINE TETRA ACETIC ACID AR  
(E.D.T.A. ACID)**

<b>CAS No</b>	: 60-00-4	<b>Product code</b>	: 23178
<b>Mol. Formula</b>	: C <sub>10</sub> H <sub>16</sub> N <sub>2</sub> O <sub>8</sub>	<b>Batch No</b>	: MCAR-01743
<b>Mol. WT</b>	: 292.25	<b>Mfd.</b>	: June 2025
<b>Date of analysis</b>	: 17/06/25	<b>Exp.</b>	: May 2030

S.R	Test	Specification	Observation
1	<b>Description</b>	White powder or Crystalline powder.	White Crystalline powder.
2	<b>Assay (Complexometric)</b>	99.4 – 100.6%	99.92%
3	<b>Ammonia insoluble componenets</b>	0.005% max.	< 0.005%
4	<b>Iron (Fe)</b>	0.001% max.	< 0.001%
5	<b>Nitrioltriactic acid</b>	0.1% max.	< 0.1%
6	<b>Water</b>	0.2% max.	0.16%
7	<b>Residue on ignition</b>	0.1% max.	0.005%
8	<b>Chloride (Cl)</b>	0.01% max.	< 0.01%
9	<b>Heavy Metals (Pb)</b>	0.001% max.	< 0.001%
10	<b>Calcium (Ca)</b>	0.001% max.	< 0.001%
11	<b>Magnesium (Mg)</b>	0.0005% max.	< 0.0005%

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

**[Tested By]**



**CHEMIST  
(Pratiksha. P)**



**[QC Incharge]**



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

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