

## CERTIFICATE OF ANALYSIS

**PRODUCT NAME : ETHYLENE DIAMINE TETRA ACETIC ACID TETRASODIUM SALT (DIHYDRATE) AR**

CAS No	: 10378-23-1	Product code	: 23183
Mol. Formula	: C <sub>10</sub> H <sub>12</sub> N <sub>2</sub> Na <sub>4</sub> O <sub>8</sub> .2H <sub>2</sub> O	Batch No.	: MCAR-00880
Mol. WT	: 416.21	Mfd.	: Dec. 2024
Date of analysis	: 02/12/24	Exp.	: Nov. 2029

S.R	Test	Specification	Observation
1	<b>Description</b>	White powder or Crystalline powder.	White crystalline powder.
2	<b>Assay (Complexometric)</b>	99 % w/w min	99.73% w/w
3	<b>pH (5% aq. Solution)</b>	10 - 12	10.88
4	<b>Chloride (Cl)</b>	0.004% max	< 0.004%
5	<b>Sulphate (SO<sub>4</sub>)</b>	0.02% max	<0.02%
4	<b>Iron (Fe)</b>	0.001% max	< 0.001%
6	<b>Heavy metals (as Pb)</b>	0.001% max	< 0.001%

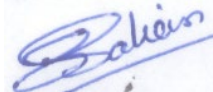
**REMARK:** THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

**[Tested By]**



**CHEMIST  
(Durvas)**

**[QC Incharge]**



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

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