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### CERTIFICATE OF ANALYSIS

**Name of the Sample** : Ethylene diamine tetra Acetic Acid Disodium Salt AR  
**Batch No.** : 227209  
**Date of Mfg.** : Dec 2023  
**Date of Exp** : Nov 2028  
**Register No.** : 2023-24  
**Qty of Sample** : 500gm  
**Date of Analysis** : Dec 2023

S. No	Test Parameters	Observed Values	Standard Values
1.	Description	Passes	A White crystalline Powder
2.	Assay	99.81% $C_{10}H_{14}N_2Na_2O_8 \cdot 2H_2O$	Min.99.5%
3.	pH (5% solution)	4.65	4.3 - 4.7
4.	Water insoluble matter	0.0002%	Max.0.003%
5.	Chloride	0.001%	Max.0.004%
6.	Nitritotriacetate	0.012%	Max.0.05%
7.	Sulphate	0.0085%	Max.0.02%
8.	Calcium	0.0001%	Max.0.002%
9.	Copper	0.0001%	Max.0.0001%
10.	Iron	0.0005%	Max.0.0005%
11.	Lead	0.0005%	Max.0.0005%
12.	Magnesium	0.001%	Max.0.001%
13.	Potassium	0.0054%	Max.0.01%

**Chief Chemist**