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CERTIFICATE OF ANALYSIS

Name of the Sample : Ethylene diamine tetra-acetic acid AR
Batch No. : 225025
Date of Mfg : Oct 2021
Date of Expiry : Sep 2026
Register No. : 2021-22
Qty of Sample : 500gm
Date of Analysis : Oct 2021

S. No	Test Parameters	Observed Values	Standard Values
1.	Description	Passes	White fine crystalline Powder, slightly soluble in water.
2.	Assay	99.9% $C_{10}H_{16}N_2O_8$	Min 99.0%
3.	Ammonia-insoluble matter	<0.005%	Max 0.005%
4.	Loss on drying	0.072%	Max 0.1%
5.	Sulphated ash	0.08%	Max 0.1%
6.	Chloride	<0.02%	Max 0.02%
7.	Nitrilotriacetate	<0.065%	Max 0.065%
8.	Sulphate	<0.005%	Max 0.005%
9.	Calcium	<0.005%	Max 0.005%
10.	Iron	<0.0005%	Max 0.0005%
11.	Lead	<0.0005%	Max 0.0005%
12.	Potassium	<0.005%	Max 0.005%
13.	Sodium	<0.05%	Max 0.05%

Chief Chemist