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CERTIFICATE OF ANALYSIS

Name of the Sample : Ethylene diamine tetra Acetic Acid Disodium Salt AR
Batch No. : 226770
Date of Mfg : July 2023
Date of Exp : June 2028
Register No. : 2023-24
Qty of Sample : 500gm
Date of Analysis : July 2023

S. No	Test Parameters	Observed Values	Standard Values
1.	Description	Passes	A White crystalline Powder
2.	Assay	99.95% $C_{10}H_{14}N_2Na_2O_8 \cdot 2H_2O$	Min.99.5%
3.	pH (5% solution)	4.45	4.3 - 4.7
4.	Water insoluble matter	0.0006%	Max.0.003%
5.	Chloride	0.0002%	Max.0.004%
6.	Nitrilotriacetate	0.013%	Max.0.05%
7.	Sulphate	0.0005%	Max.0.02%
8.	Calcium	0.0001%	Max.0.002%
9.	Copper	0.0001%	Max.0.0001%
10.	Iron	0.0004%	Max.0.0005%
11.	Lead	0.0002%	Max.0.0005%
12.	Magnesium	0.001%	Max.0.001%
13.	Potassium	0.0068%	Max.0.01%

Chief Chemist