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CERTIFICATE OF ANALYSIS

Name of the Sample : Ethylene diamine tetra acetic acid dipotassium AR
(EDTA Dipotassium Salt AR)
Batch No. : 224245
Date of Mfg : Oct 2020
Date of Exp : Sep 2025
Register No. : 2020-21
Qty of Sample : 500gm
Date of Analysis : Oct 2020

S. No	Test Parameters	Observed Values	Standard Values
1.	Description	Passes	A White Crystalline Powder
2.	Assay	99.84% [CH ₂ N.(CH ₂ .COOH).CH ₂ .COOK] ₂ .2H ₂ O	Min.99.0%
3.	pH (5% solution)	4.42	4.3 – 4.7
4.	Water insoluble matter	0.0005%	Max.0.005%
5.	Methanol insoluble matter	0.0015%	Max.0.005%
6.	Chloride	0.002%	Max.0.005%
7.	Nitrilo triacetate	0.018%	Max.0.05%
8.	Sulphate	0.001%	Max.0.05%
9.	Calcium	0.001%	Max.0.002%
10.	Iron	0.0002%	Max.0.0005%
11.	Lead	0.0001%	Max.0.0005%
12.	Sodium	0.001%	Max.0.02%

Chief Chemist