

## CERTIFICATE OF ANALYSIS

<b>Product Name</b>	<b>ETHYLENEDIAMINE TETRA ACETIC ACID DISODIUM SALT DIHYDRATE 99% MOLECULAR BIOLOGY GRADE</b>		
CAS No.	6381-92-6	Code No.	01168
Batch No.	CS08251980	Date of Analysis	28/08/2025
Mfg. Date	Aug-2025	Mol. Weight (g/mol)	372.24
Expiry Date	July-2030	Mol. Formula	C10H14N2Na2O8.2H2O

Sr.	TESTS	SPECIFICATIONS	RESULTS
1	Appearance	White crystalline powder	White crystalline powder
2	Assay (titration)	Min 99.0%	99.25%
3	Loss on drying (at 150°C; 6 hrs)	7.0-11.0%	8.84%
4	pH (5% solution in water; 20°C)	4 - 5	4.45
5	Chloride (Cl)	Max 0.005%	0.0012%
6	Sulphate (SO <sub>4</sub> )	Max 0.01%	0.007%
7	Arsenic (As)	Max 0.0005%	0.00008%
8	Copper (Cu)	Max 0.001%	0.0002%
9	Iron (Fe)	Max 0.001%	0.0004%
10	Lead (Pb)	Max 0.001%	0.0003%
11	DNAase/RNAase/Proteases	Not detected	Not detected

Remark: This product complies as per the specifications of Chemnovo.

**This is an electronically generated certificate and is valid without a signature.**

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