

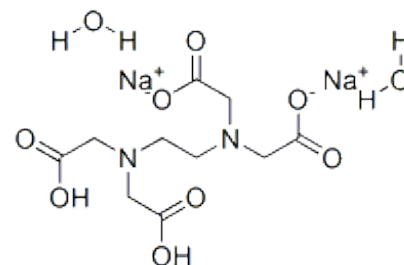


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Product Specification

ETHYLENE DIAMINE TETRA ACETIC ACID DISODIUM SALT DIHYDRATE 99-101% FOR MOLECULAR BIOLOGY

CAT. NO. : MB0051
GRADE : MB
CAS NO. : 6381-92-6
FORMULA : $C_{10}H_{14}O_8Na_2N_2 \cdot 2H_2O$
M.W. : 372.24



Minimum assay (complexometric)	99-101%
pH (5% solution in water; 20°C)	4.3 – 4.7
Max. absorbance (0.1 M aq.soln.) at	
260 nm	0.20
280 nm	0.02

Maximum limits of impurities:

Loss on drying (at 150°C, for 6 hrs.)	9-10%
Insoluble in water	0.005%
Arsenic (As)	0.0005%
Nitrilotriacetic acid	0.025%
Chloride (Cl)	0.005%
Sulphate (SO ₄)	0.01%
Lead (Pb)	0.001%
Copper (Cu)	0.001%
Iron (Fe)	0.001%
DNase, RNase, Protease & Phosphatases	None detected

DATE: 01.07.2025

Remarks: The above-mentioned batch material is compliance with the standard specifications of High Purity Laboratory Chemicals Pvt. Ltd.



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