

Product Specification Sheet



Product Code: BIO-1050
Identifier: EDTA, Disodium Salt, Dihydrate
Grade: Ultra Pure Grade
Appearance: White Crystalline Powder
Molecular Formula: $C_{10}H_{14}N_2Na_2O_8 \cdot 2H_2O$
Molecular Weight: 372.24 g/mol
Description: Chelator of divalent cations. Inhibits enzymes which require divalent cations for activity.
Storage Condition: Store between 20°C - 25°C. Protect from moisture.
Additional Info: Not Applicable

Assay:	Specification:
Purity	≥99.0%
Reaction of water solution	PASS
Clarification test	PASS
pH (5%; H ₂ O, 25°C)	4.00 – 6.00
pH (1%; H ₂ O, 25°C)	4.00 – 6.00
Chloride	≤ 0.01%
Sulfate (SO ₄)	≤ 0.1%
Heavy Metals (as Pb)	≤ 0.005%
Iron (Fe)	≤ 0.005%
Appearance	White Crystalline Powder

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