

Product Specification Sheet



Product Code : BIO-1050

Identifier : EDTA, Disodium Salt, Dihydrate

Grade : Ultra Pure

Appearance : White powder

Molecular Formula : $C_{10}H_{14}N_2O_8Na_2 \cdot 2H_2O$

Molecular Weight : 372.24 g/mol

Product Description : Chelator of divalent cations. Inhibits enzymes which require divalent cations for activity.

Storage Condition : Store at room temperature. Protect from moisture.

| <u>Assay:</u> | <u>Specification:</u> |
|----------------------------|-----------------------|
| Purity | ≤ 99.0 % |
| Reaction of water solution | PASS |
| Complexation test | PASS |
| Clarification test | PASS |
| Chloride | ≤ 0.01 % |
| Sulfate (SO ₄) | < 0.1 % |
| Heavy Metals (as Pb) | < 0.005 % |
| Iron (Fe) | < 0.001 % |

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