



## TECHNICAL DATA SHEET

**Product Name:** Disodium Edetate

**Application Grade:** Pharmaceutical Grade

**Batch Number:** 260116A

**Manufacturing Date:** January 16, 2026

**Expiry Date:** January 15, 2028

### 1. Product Description

Disodium Edetate is a chelating agent used in pharmaceutical formulations to bind metal ions. It helps control trace metal ions that may affect formulation stability and performance.

### 2. Specifications

| Test Item            | Specification | Test Result  |
|----------------------|---------------|--------------|
| Appearance           | White powder  | White powder |
| Purity               | ≥99.0%        | 99.45%       |
| pH (1% Solution)     | 4.0–5.0       | 4.32         |
| Chelate Value        | 260–290       | 266          |
| Chloride             | ≤0.01%        | 0.005%       |
| Sulphate             | ≤0.05%        | 0.02%        |
| Iron (Fe)            | ≤0.001%       | 0.0004%      |
| Heavy Metals (as Pb) | ≤0.001%       | 0.0004%      |
| NTA                  | ≤0.1%         | 0.05%        |

### 3. Applications

Used as a chelating agent in selected pharmaceutical formulations.

Helps bind metal ions that may affect formulation stability.

Suitable for pharmaceutical applications subject to the required product specifications and regulatory standards.

## 4. Packaging and Storage

**Packaging:** 25 kg per bag.

**Storage:** Store in a cool, dry, and well-ventilated place. Keep the container tightly closed and protect the product from moisture and contamination.

## 5. Shelf Life

24 months from the manufacturing date when stored under recommended conditions in the original, unopened packaging.

**Note:** This TDS is prepared based on the supplied Certificate of Analysis (COA). Confirm applicable pharmacopeial compliance and other regulatory requirements separately where required.

