

Certificate of Analysis (COA)

Product Name: EDTA-2Na (Disodium EDTA)

Chemical Formula: $\text{Na}_2\text{C}_{10}\text{H}_{14}\text{N}_2\text{O}_8$

Batch No.: EDTA-2026

Specifications & Test Results

Parameter	Specification	Test Result
Appearance	White crystalline powder	Conforms
Assay (as EDTA-2Na)	$\geq 99 \%$	99.2 %
pH (1% aqueous solution)	4.0 – 5.5	4.8
Loss on Drying (105°C)	$\leq 10 \%$	8.5 %
Heavy Metals (as Pb)	$\leq 20 \text{ ppm}$	15 ppm
Chloride (Cl^-)	$\leq 0.1 \%$	0.05 %
Sulfate (SO_4^{2-})	$\leq 0.1 \%$	0.08 %
Iron (Fe)	$\leq 0.005 \%$	0.003 %
Water Insoluble Matter	$\leq 0.05 \%$	0.02 %
Loss on Ignition (Residue)	$\leq 5 \%$	4.2 %

Additional Information

- **Solubility:** Completely soluble in water.
- **Recommended Use:** Chelating agent in micronutrient fertilizers, industrial formulations, and water treatment.
- **Packaging:** 25 kg / 50 kg HDPE bags or drums.
- **Storage:** Store in a cool, dry place, away from moisture and acids.