



NORTH METAL & CHEMICAL COMPANY
World Class Molybdenum & Tungsten Compounds

609 E. King St.
 York, PA 17403

Since 1921

Phone: (717) 845-8646
 Email: north@northmetal.net
 Web: www.northmetal.net

Chelating Agents

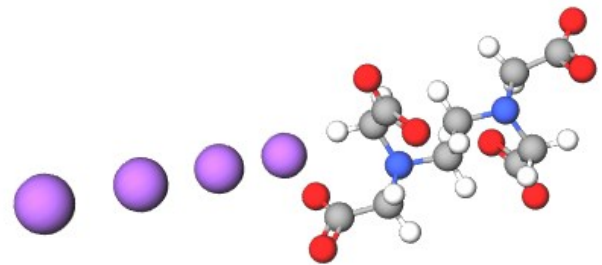
Technical Data Sheet

NORTHQUEST 5220 - EDTA Powder

Dry, crystalized version of Tetrasodium Salt Ethylenediaminetetraacetic acid (EDTA). It's useful to formulate dry products, and keeping the total water content in a product low. Crystalized/powder EDTA contains less impurities than regular EDTA39% solution. As a solution, EDTA works as a chelating agent with multivalent metal ions forming a 1:1 molar ratio. Applications include uses as a stabilizer and scale dissolver. CAS#: 13235-36-4

Technical Specifications:

Appearance	White Crystalized Powder
Assay, % as Na ₄ EDTA-4H ₂ O	99.0% min
pH Value, 1% Solution	10.5 - 11.5
Chelation Capacity Equivalent	1g Crystalized EDTA = 2.19 mmoles EDTA 39%
Bulk Density	720 kg/m ³ or 45 lb/cu ft
Water Solubility	50.7 wt% at 25°C



EDTA 99% Powder - Technical Data Sheet

Packaging: Available in 55lb. bags, 2204 lb. supersacks and small packs by request.

Shelf Life: At least three years when properly stored in unopened container.

Safety: Avoid exposure to eyes, skin or clothing. Refer to MSDS for handling, exposure and cleanup information.

