

CaNa₂ EDTA Food-Grade Product Information

Kosher

GENERAL INFORMATION

Chemical Name: Calcium Disodium Ethylenediaminetetraacetate Dihydrate

CAS: 62-33-9

Synonym(s): CaNa₂ EDTA•2H₂O

Product Description: A white to off-white powder, freely soluble in water and free of foreign particles.

PRODUCT FEATURES

This product is used in numerous food and beverage applications, as it binds and renders inactive those trace minerals having an impact on color, flavor, clarity and shelf life of food and beverage products.

STORAGE/HANDLING

Store in a clean, cool, dry place. Partially used bags should be tightly closed until future use. No bagged, dry powder product should be piled higher than six bags on a pallet.

PHYSICAL/CHEMICAL PROPERTIES

Appearance	White to off-white powder
Active Ingredient (%)	97.0 – 102.0% as CaNa ₂ EDTA•2H ₂ O 91.2 wt% as CaNa ₂ EDTA
Calcium Chelation Value	Product is a calcium chelate of EDTA
Formula Weight	410.26
pH (1% aqueous solution)	6.5 – 7.5
Bulk Density (tamped)	50 – 55 lbs/cu ft
Solubility in Water	Approximately 30 wt% at 25°C/77°F
Metal Chelation Capacity	Ca N/A (use levels are regulated) Mg N/A (use levels are regulated) Fe 7.8 (use levels are regulated) Cu 6.8 (use levels are regulated) Mn 7.9 (use levels are regulated)

DIRECTIONS FOR USE, HANDLING, AS WELL AS SAFETY INFORMATION ARE GIVEN ON THE MATERIAL SAFETY DATA SHEETS. READ THEM CAREFULLY.

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