
Technical Data Sheet

Trilon[®] CA Food Grade

September 2023 | Supersedes issue dated October 2018

Trilon[®] CA Food Grade (disodium calcium EDTA) is a white, crystalline, free flowing, relatively non-hygroscopic powder combination of dihydrate and trihydrate forms.

Trilon[®] CA Food Grade meets all requirements in the current Food Chemicals Codex (FCC) and is FDA approved for use in a wide range of food products. Trilon[®] CA Food Grade bears the OU symbol, Kosher and Kosher Pareve for year-round use, under certification of the Union of Orthodox Jewish Congregations of America.

Applications:

Trilon[®] CA Food Grade is designed to control trace metal ions which may be responsible for catalyzing discoloration, oxidation, turbidity, corrosion, texture deterioration, the development of off-flavor and rancidity, or other deteriorative changes in food and beverage products during processing or storage. Trilon[®] CA Food Grade is often more effective at overcoming deteriorative changes in foods and beverages than other types of sequestrant additives (i.e. polyphosphates and citric acid.)

FDA approved applications include carbonated beverages, dressings and sauces (i.e. mayonnaise, French dressing and pourable dressings), fish and shellfish, fruits and vegetables, pickled vegetables, potato products, shortening, fats and oils, vitamin stabilization, and animal feeds. For additional information, see Title 21 Code of Federal Regulations, Section 172.120.



Order Placement

To place orders for delivery in the United States or Canada, please call our toll free number (800) 443-6460.
For other Information including product literature and Material Safety Data Sheets please call (734) 324-6101.
Or Visit Our Website At: www.performance.basf-corp.com

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Specifications	
Appearance	White powder
Assay, %	97.0 – 102.0
pH, 20% aqueous	6.5 – 8.0
pH, 1.0% aqueous	6.5 – 7.5
Water content, %	13.0 Max.
Lead, ppm	4.0 Max.
NTA content, %	0.100 Max.
Free EDTA, % weight	0.10 – 1.00
Mg chelating substances	Complies
Identification (Ca, Na)	Complies
Identification (IR)	Complies
Identification (Chelant)	Complies

Shelf Life:

BASF will endorse the results on the certificate of analysis for a period of up to five years from the date of manufacture for material in original, unopened, properly stored containers. Beyond five years, we recommend the quality of the material be confirmed prior to use, by retesting the certificate of analysis parameters.

Please refer to the Safety Data Sheet (SDS) for this product for instructions on safe and proper handling and disposal.



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