

Technical Bulletin

Trilon® NA



Trilon® NA (disodium EDTA) is a white, crystalline, free flowing, relatively non hygroscopic powder combination of dihydrate and trihydrate forms.

Trilon® NA meets all requirements in the current Food Chemicals Codex (FCC) and is FDA approved for use in a wide range of food products. Trilon® NA 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® NA 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® NA is often more effective at overcoming deteriorative changes in foods and beverages than other types of sequestrant additives (i.e. polyphosphates and citric acid.) Trilon® NA is also suitable for use in a variety of cosmetics formulations.

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, 172.135, and 573.360.

Shelf Life:

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

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

Specifications	
Appearance	White crystalline powder
Current FCC / Current USP	
Identification (all tests)	Pass
Nitrilotriacetic acid (wt %)	0.1 max.
Assay (wt.% as Na ₂ H ₂ EDTA• 2H ₂ O)	99.0 – 101.0
Calcium	Pass
Current FCC only	
Lead (mg/kg)	10 max.
pH (1% aqueous)	4.3 – 4.7
Current USP only	
Heavy metals (wt. %)	0.005 max.
pH (5% aqueous)	4.0 – 6.0
Residual solvents	Pass
Loss on drying (wt %)	8.7 – 11.4

Trilon® is a registered trademark of BASF in many countries

For More Information:

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

Important: While the information and data contained in this bulletin are presented in good faith and believed to be reliable, they do not constitute a part of our terms and conditions of sales unless specifically incorporated in our Order Acknowledgment. NOTHING HEREIN SHALL BE DEEMED TO CONSTITUTE A WARRANTY, EXPRESS OR IMPLIED, THAT SAID INFORMATION OR DATA ARE CORRECT OR THAT THE PRODUCTS DESCRIBED ARE MERCHANTABLE OR FIT FOR A PARTICULAR PURPOSE, OR THAT SAID INFORMATION, DATA OR PRODUCTS CAN BE USED WITHOUT INFRINGING PATENTS OF THIRD PARTIES.

© 2016 BASF Corporation. All rights reserved.
BASF Corporation
100 Park Ave
Florham Park, New Jersey 07932
800-443-6460

Care Chemicals