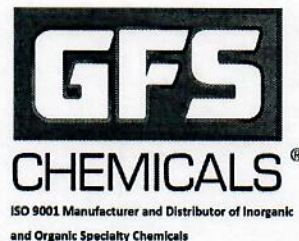


Certificate of Analysis



Product Name: DISODIUM DIHYDROGEN
ETHYLENEDIAMINETETRAACETATE
DIHYDRATE, REAGENT (ACS)

Item #: 247
Lot #: 20260118

Certified Values:

Specifications (Max Limits or as Specified)	Status	Results
Assay 99.0 - 101.0 %	Pass	100.1
Insoluble 0.005 % Max	Pass	< 0.005
pH of 5% solution 4.0 - 6.0 pH	Pass	4.4
Nitritotriacetic acid (%) 0.1 % Max	Pass	< 0.1
Heavy Metals (Pb) 0.005 % Max	Pass	< 0.005
Iron 0.01 % Max	Pass	< 0.01

Comments

CoA #: COA-059300
Certificate Created By: Karen Hirsch
CoA Creation Date: July 9, 2020
Best by: May 20, 2025
Print Date: April 19, 2021

Signature on File

Not for direct use in food, cosmetics, finished pharmaceuticals or drug products. Supplier is not responsible for compliance with FDA Current Good Manufacturing Practice(cGMP) requirements, including without limitation those for finished drug products in 21 C.F.R Parts 210 and 211. Consult warranty limitations at www.gfschemicals.com/statics/documents/aboutus/termsandconditions.html

For resale by GFS authorized distributors only.

GFS Chemicals, Inc. P.O. Box 245 Powell, OH 43065 * Signed Orig. Doc. On File
1-800-858-9682 (U.S. and Canada) 1-740-881-5501 (International) 1-740-881-5989 (Fax)

ISO 17025 Testing

All ISO 17025 testing is performed at GFS Chemicals, Inc. 800 Kaderly Dr, Columbus, OH 43228 USA

UV/Vis Spectrophotometer testing is performed according to ASTM method E169-16.

Turbidity testing is performed according to ASTM methods D6855-17 and ASTM D7315-17.

Conductivity testing is performed according to ASTM method D1125-14.

pH testing is performed according to ASTM method D1293-18.

Karl Fischer titration testing is performed according to ASTM methods E203-16 and E1064-16.

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