

Certificate of Analysis

Product Name: SODIUM SULFATE, ANHYDROUS, GRANULAR, REAGENT (ACS)
Item #: 803
Lot #: 22240094



Certified Values:

| Specifications (Max Limits or as Specified) | Pass/Fail | Numerical Results |
|---|-----------|-------------------|
| Assay 99.0 - % | Pass | 99.6 |
| pH of 5% solution @ 25C 5.2 - 9.2 pH | Pass | 6.0 |
| Insoluble matter 0.01 % Max | Pass | < 0.01 |
| Loss on ignition 0.5 % Max | Pass | 0.3 |
| Chloride 0.001 % Max | Pass | < 0.001 |
| Nitrogen compounds (as N) 0.0005 % Max | Pass | < 0.0005 |
| Phosphate 0.001 % Max | Pass | < 0.001 |
| Calcium 0.01 % Max | Pass | < 0.01 |
| Magnesium 0.005 % Max | Pass | < 0.005 |
| Heavy Metals (by ICP-OES) 0.0005 % Max | Pass | < 0.0005 |
| Iron 0.001 % Max | Pass | < 0.001 |
| Potassium 0.01 % Max | Pass | < 0.01 |
| Through 60 mesh screen (%) 10 % Max | Pass | < 3 |

Status Pass

Comments

Certificate Create By: Karen Hirsch
Best by: September 17, 2027

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/Terms-And-Conditions

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)

Print Date:

Nov 14, 2022

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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