

Certificate of Analysis



Product Name: SODIUM SULFATE, ANHYDROUS,
GRANULAR, REAGENT (ACS)
Item #: 803
Lot #: 20090022

Certified Values:

Specifications (Max Limits or as Specified)	Status	Results
Assay 99.0 % - Min	Pass	99.2
pH of 5% solution @ 25C 5.2 - 9.2 pH	Pass	5.9
Insoluble matter 0.01 % Max	Pass	< 0.01
Loss on ignition 0.50 % Max	Pass	0.09
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	< 10

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)

Comments

CoA #: COA-053904
Certificate Created By: Karen Hirsch
CoA Creation Date: March 11, 2020
Best by: February 13, 2025
Print Date: March 10, 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.

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)