

3050 Spruce Street, Saint Louis, MO 63103, USA

Website: www.sigmaaldrich.com

Email USA: techserv@sial.com

Outside USA: eurtechserv@sial.com

Certificate of Analysis

Product Name:

Sodium sulfate - ACS reagent, ≥99.0%, anhydrous, granular

Product Number: 239313
Batch Number: SLCC3521
 Brand: SIGALD
 CAS Number: 7757-82-6
 MDL Number: MFCD00003504
 Formula: Na₂O₄S
 Formula Weight: 142.04 g/mol
 Quality Release Date: 22 APR 2019
 Recommended Retest Date: APR 2022



Test	Specification	Result
Appearance (Form) Granular	Conforms	Conforms
Size 10-60 mesh	Conforms	Conforms
Note	-----	-----
ACS tests		
pH 5% at 25.0 deg C	5.2 - 9.2	6.3
Insoluble Matter	≤ 0.01 %	0.00 %
Loss on Ignition	≤ 0.5 %	0.2 %
Chloride (Cl)	≤ 0.001 %	< 0.001 %
Nitrogen Compounds	≤ 5 ppm	< 5 ppm
Heavy Metals (by ICP-OES)	< = 5 ppm	< = 5 ppm
Iron (Fe)	< = 0.001%	< = 0.001%
Phosphate (PO ₄)	≤ 0.001 %	< 0.001 %
Calcium (Ca)	≤ 0.01 %	0.00 %
Magnesium (Mg)	≤ 0.005 %	0.000 %
Potassium (K)	≤ 0.01 %	0.00 %
Assay	≥ 99.0 %	99.9 %

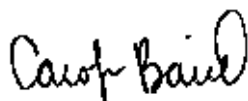
Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.

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Carolyn Baird, Supervisor
Quality Assurance
St. Louis, Missouri US

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