LAB ALLEY
ESSENTIAL CHEMICALS

Certificate of Analysis

Product: Sodium Sulfate Anhydrous, ACS Grade
Item Number: C7750
CAS#: 7757-82-6
Grade: ACS
Lot Number: 240802-1M
Manufacture Date: 09/30/2023
Expiration Date: 09/29/2033
Country of Origin: Mexico

Tested Property	Specification	Analysis
Assay	≥99.0%	99.9%
pH of a 5% solution @ 25°C	5.2 - 9.2	6.2
Insoluble matter	≤0.01%	0.004%
Loss on ignition	≤0.5%	0.2%
Nitrogen compounds	≤5 mg/kg	<5 mg/kg
Chloride (Cl)	≤0.001%	<0.001%
Heavy Metals (as Pb)	≤5 ppm	<5 ppm
Iron	≤0.001%	<0.001%
Phosphate (PO4)	≤0.001%	<0.001%
Calcium (Ca)	≤0.01%	0.001%
Magnesium (Mg)	≤0.005%	0.001%
Potassium (K)	≤0.008%	0.002%
Identification	To pass the test	Pass
Extraction-Concentration suitability	To Pass Tests	Passes
Solubility and Foreign Matter	To Pass Tests	Passes
Retained on a USS #10 sieve	≤1.0%	0.2%
Retained on a USS #60 sieve	≥94%	95.8%
Through USS #60 sieve	≤5.0%	3.4%
Through USS #100 sieve	≤10.0%	0.5%

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Store in a cool, dry, and well-ventilated environment.

Sodium Sulfate Anhydrous, ACS Grade

Note: The information and recommendations of Lab Alley concerning this product are based upon laboratory tests and experience. To the best of our knowledge and belief these are true and accurate, however Lab Alley assumes no obligation or liability for the information in this document. Since conditions of actual use are beyond our control, any recommendations or suggestions regarding merchantability and fitness for particular purposes are made without warranty, expressed or implied.

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