

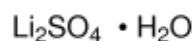
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Product Specification

Product Name:

Lithium sulfate monohydrate - ACS reagent, ≥99.0% dry basis

Product Number:**398152**

CAS Number:

10102-25-7

MDL:

MFCD00149766

Formula:

Li₂O₄S · H₂O

Formula Weight:

127.96 g/mol

TEST	Specification
Appearance (Color)	White
Appearance (Form)	Powder or Crystals
Purity (Titration by NaOH)	≥ 99.0 %
X-Ray Diffraction	Conforms to Structure
Loss on Drying with no vacuum 150 Degrees Celsius	13.0 - 15.0 %
Insoluble matter	≤ 0.01 %
Chloride Content	≤ 0.002 %
Iron (Fe)	≤ 0.001 %
Heavy Metal (As Pb)	≤ 0.001 %
Potassium (K)	≤ 0.05 %
Sodium (Na)	≤ 0.05 %
Nitrate (NO ₃)	≤ 0.001 %
Meets ACS Requirements	Current ACS Specification

Specification: PRD.1.ZQ5.10000004376

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.