



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-235517
Lot Number: SAMPLE
Product Name: Lithium sulfate
CAS Number: 10377-48-7
Molecular Formula: Li_2SO_4
Molecular Weight: 109.94

Test	Specification	Result
Appearance (Color)	White	White
Appearance (Form)	Powder, Crystals, Crystalline Powder and/or Chunks	Chunks
Atomic Absorption	≤ 100.0 ppm	<100.0 ppm
Identification (ICP)	Confirms Li and S Components	Complies
Purity (Trace Metal Analysis)	≥ 99.99 %	Complies
Gravimetric Analysis	28.4 - 29.9 % S (With Barium Chloride)	28.7 % % S (With Barium Chloride)
Trace metal analysis	≤ 100.0 ppm	< 100.0 ppm
Aluminum		1.8 ppm
Barium		0.3 ppm
Calcium		2.9 ppm
Cesium		1.1 ppm
Copper		0.7 ppm
Iron		1.3 ppm
Magnesium		0.3 ppm
Manganese		0.2 ppm
Potassium		7.5 ppm
Rubidium		0.7 ppm
Sodium		0.7 ppm

Satisfaction Guarantee: We appreciate your business and are committed to providing the highest level of quality and service. Any product that does not meet the performance standards indicated in our product literature will be replaced at no charge. Our policy is valid for one year from the date of your purchase.

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