



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-252960
Lot Number: SAMPLE
Product Name: Lithium iodide, anhydrous
CAS Number: 10377-51-2
Molecular Formula: LiI
Molecular Weight: 133.85

Test	Specification	Result
Appearance	White to yellow and faint beige to light beige and faint brown to light brown crystalline powder or granules	Faint beige crystalline powder
Identification (ICP)	Consistent with lithium component	Complies
Purity (Silver Nitrate Titration)	Iodine: $\geq 92.4\%$	93.2%
Purity (Trace Metal Analysis)	99.9%	Complies
Particle Size	~10 Mesh	Complies
Trace metal analysis	≤ 1500.0 ppm	21.3 ppm
Antimony		12.4 ppm
Calcium		5.5 ppm
Iron		1.3 ppm
Magnesium		0.2 ppm
Silver		0.5 ppm
Sodium		1.4 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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