

Certificate of Analysis

Product Name : Lithium iodide anhydrous, beads, -10 mesh, 99.99% trace metals basis
Product Number : 439746-BULK
Batch Number : 0000071147
CAS Number : 10377-51-2
Molecular Formula : LiI
Formula Weight : 133.85
Quality Release Date : 07 Aug 2019

Test	Specification	Result
Appearance (Color)	White	White
Appearance (Form)	Beads	Beads
ICP Major Analysis	Confirmed	Conforms
Confirms Lithium Component		
Purity	Meets Requirements	Meets Requirements
99.99% Based On Trace Metals Analysis		
Trace Metal Analysis	≤ 150.0 ppm	9.8 ppm
Silver (Ag)		0.4 ppm
Aluminum (Al)		0.9 ppm
Arsenic (As)		0.2 ppm
Boron (B)		0.1 ppm
Beryllium (Be)		0.1 ppm
Bismuth (Bi)		1.4 ppm
Cesium (Cs)		0.3 ppm
Copper (Cu)		0.7 ppm
Magnesium (Mg)		0.2 ppm
Sodium (Na)		2.5 ppm
Lead (Pb)		0.7 ppm
Strontium (Sr)		1.0 ppm
Zinc (Zn)		1.3 ppm

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. Purchase must determine the suitability of the product for its particular use. See reverse side of website or packing slip for additional terms and conditions of sale

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Batch: 0000071147

Site

Urbana, Illinois

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