

3050 Spruce Street, Saint Louis, MO 63103, USA

Website: www.sigmaaldrich.com

Email USA: techserv@sial.com

Outside USA: eurtechserv@sial.com

Certificate of Analysis

Product Name:

Lithium fluoride - Precipitated, 99.995%

Product Number: 669431
Lot Number: MKBJ1945V
Brand: ALDRICH
CAS Number: 7789-24-4
MDL Number: MFCD00011090
Formula: FLi
Formula Weight: 25.94 g/mol
Quality Release Date: 18 OCT 2011

LiF

Test	Specification	Result
Appearance (Color)	White	White
Appearance (Form)	Powder	Powder
ICP Major Analysis	Confirmed	Conforms
Confirms Li Component		
Trace Metal Analysis	≤ 60.0 ppm	16.3 ppm
Silver (Ag)		0.6 ppm
Aluminum (Al)		1.8 ppm
Barium (Ba)		0.3 ppm
Bismuth (Bi)		1.3 ppm
Calcium (Ca)		6.8 ppm
Cesium (Cs)		0.5 ppm
Iron (Fe)		0.8 ppm
Potassium (K)		1.2 ppm
Sodium (Na)		2.4 ppm
Titanium (Ti)		0.2 ppm
Zinc (Zn)		0.4 ppm
Purity	Meets Requirements	Meets Requirements
99.995% Based on Trace Metal Analysis		



Jamie Gleason, Manager
Quality Control
Milwaukee, Wisconsin US

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.