



Version	01
Molecular weight	25.93
Quality Test / Release Date	09/22/2022
Molecular Formula	F Li
CAS No	7789-24-4
Linear Formula	LiF
Flash Point (°C)	

Certificate of Analysis

Products are processed under ISO 9001:2015 quality management systems and samples are tested for conformance to the noted specifications. Certain data may have been supplied by third parties. We disclaim the implied warranties of merchantability and fitness for a particular purpose, and the accuracy of third party data or information associated with the product. Products are for research and development use only. Products are not for direct administration to humans or animals. It is the responsibility of the final formulator or end user to determine suitability, and to qualify and/or validate each product for its intended use.

Catalog Number	21827	Quality Test / Release Date	09/22/2022
Lot Number	A0417937	Suggested retest date	09/22/2027
Description	Lithium fluoride, 97%, for analysis		
Country of Origin	CHINA		
Declaration of Origin	synthetic		

BSE/TSE	
Chemical	

Result name	Specifications	Test Value
Appearance (Color)	White to off-white	White
Appearance (Form)	Powder	Powder
Assay	≥96.0 %	99.3 %
Loss on drying	0.4 % (200°C) (typical)	0.4 % (200°C) (typical)
Chloride (Cl)	≤0.07 %	0.013 %
Sulfate (SO ₄)	≤1 %	0.039 %
Phosphate (PO ₄)	≤0.04 %	≤0.04 %
Carbonate (CO ₃)	≤1 %	0.019 %
Calcium (Ca)	≤0.08 %	0.012 %
Iron (Fe)	≤0.03 %	0.004 %
Magnesium (Mg)	≤0.02 %	0.0051 %
Potassium (K)	≤0.07 %	0.0008 %
Sodium (Na)	≤0.4 %	0.015 %

C. Wygaerts, QA Manager

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