

Version	00
Molecular weight	106.39
Molecular Formula	Cl Li O4
CAS No	7791-03-9
Linear Formula	LiClO4
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	19471	Quality Test / Release Date	05/27/2024
Lot Number	A0462857	Suggested retest date	05/27/2025
Description	Lithium perchlorate,99+%,for analysis		
Country of Origin	UNITED STATES OF AMERICA		
Declaration of Origin	synthetic		

BSE/TSE	
Chemical	

Result name	Specifications	Test Value
Appearance (Color)	White	White
Appearance (Form)	Crystalline or granular powder or crystals	Crystalline powder
Titration after Ion exchange	99.0 to 101.0 %	99.0 %
Water	=<1.0 % (K.F.)	0.004 % (K.F.)
Insoluble matter	=<0.005 % (in water)	=<0.005 % (in water)
Chloride (Cl)	=<50 ppm	=<30 ppm
Sulfate (SO4)	=<200 ppm	=<10 ppm
Heavy metals (as Pb)	=<5 ppm	=<5 ppm
Calcium (Ca)	=<20 ppm	=<1 ppm
Iron (Fe)	=<50 ppm	=<5 ppm
Potassium (K)	=<200 ppm	4 ppm
Sodium (Na)	=<50 ppm	28 ppm



C. Wygaerts, QA Manager

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