



Version	01
Molecular weight	160.44
Molecular Formula	Cl Li O4 . 3 H2 O
CAS No	13453-78-6
Linear Formula	LiClO4.3H2O
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	19472	Quality Test / Release Date	10/26/2023
Lot Number	A0440991	Suggested retest date	10/26/2026
Description	Lithium perchlorate trihydrate,99%,extra pure		
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)	Adhering crystals and/or chunks	Adhering crystals
Titration Argentometric	>=98.5 %	99.7 %
Chloride (Cl)	=<30 ppm	=<30 ppm
Sulfate (SO4)	=<10 ppm	10 ppm
Iron (Fe)	=<5 ppm	=<5 ppm
Heavy metals (as Pb)	=<5 ppm	=<5 ppm

C. Wygaerts, QA Manager

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