

## Certificate of Analysis

Date of Testing: 2022-08-31 12:46:41  
Date of Next Testing: 2026-08-30 12:46:41  
Product Name: **Lithium perchlorate trihydrate**  
CAS Number: 13453-78-6  
Specifications & Purity: 99.9% metals basis  
Lot #: H2229200  
SKU #: **L120563**  
Analysis: **125026**

Parameter	Limit Values	Result
Purity(Based on Trace Metals Impurities of ICP)	99.9-100 (%)	100.00 %
Total Metallic Impuritie	0-1000 (ppm)	12.00 ppm
Water by Karl Fischer	30-35 (%)	32.65 %
Appearance (L120563)	White Powder, Crystals, Granules and/or Lumps	White Powder, Crystals, Granules and/or Lumps
ICP: Confirms Lithium Component	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager