

## Certificate of Analysis

Date of Testing: 2024-02-20 10:31:52  
Date of Next Testing: 2028-02-19 10:31:52  
Product Name: **Lithium perchlorate**  
CAS Number: 7791-03-9  
Specifications & Purity: anhydrous,99.9% metals basis  
Lot #: A2431192  
SKU #: **L110163**  
**Analysis:** **255672**  
Storage Temperature: Argon charged,Desiccated

Parameter	Limit Values	Result
Total Metallic Impuritie	0-1000 (ppm)	17.00 ppm
Purity(Based on Trace Metals Impurities of ICP)	99.9-100 (%)	100.00 %
Water by Karl Fischer	0-1 (%)	0.01 %
Insoluble matter in H2O	0-0.005 (%)	0.00 %
Heavy metal (as Pb)	0-5 (ppm)	2.00 ppm
Titration by AgNO3	96.5-103.5 (%)	99.50 %
Appearance (L110163)	White Powder, Crystals and/or Chunks	White Powder, Crystals and/or Chunks
ICP: Confirms Lithium Component	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager