

Certificate of Analysis

Date of Testing: 2025-02-24 16:43:10
Date of Next Testing: 2029-02-23 16:43:10
Product Name: **Lithium perchlorate**
CAS Number: 7791-03-9
Specifications & Purity: anhydrous, ≥99.9% metals basis
Lot #: B2517043
SKU #: **L110163**
Version: **1**
Analysis #: **476265**
Storage Temperature: Argon charged, Desiccated

Parameter	Limit Values	Result
Total Metallic Impurities	0-1000 (ppm)	18.00 ppm
Purity(Based on Trace Metals Impurities of ICP)	99.9-100 (%)	100.00 %
Water by Karl Fischer	0-1 (%)	0.06 %
Heavy metal (as Pb)	0-5 (ppm)	0.00 ppm
Titration by AgNO ₃	96.5-103.5 (%)	99.37 %
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