

## Certificate of Analysis

Date of Testing: 2025-09-08 16:54:28  
Date of Next Testing: 2029-09-07 16:54:28  
Product Name: **Lithium metaborate (LMB)**  
CAS Number: 13453-69-5  
Specifications & Purity:  $\geq 99.99\%$   
Lot #: I2504473  
SKU #: **L101992**  
Version: **0**  
Analysis #: **553350**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
loss on drying(105°C,3 h)	0-1 (%)	0.21 %
Boron(B)	21-22.4 (%)	21.60 %
Total Metallic Impuritie	0-200 (ppm)	46.40 ppm
Purity(Based on Trace Metals Impurities of ICP)	99.99-100 (%)	100.00 %
Appearance (L101992)	White powder	White powder
ICP Confirms Li and B Components	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager