

## Certificate of Analysis

Date of Testing: 2024-07-12 15:30:11  
Date of Next Testing: 2028-07-11 15:30:11  
Product Name: **Lithium deuterioxide solution**  
CAS Number: 12159-20-5  
Specifications & Purity: 3 N in D2O, 99.5 atom % D  
Lot #: I2016350  
SKU #: **L102261**  
Version: **0**  
Analysis #: **386539**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Assay(Titration by HCL)	8.5-9.5 (%)	8.60 %
Proton NMR (Atom % D)	99.5-100 (atom%)	99.80 atom%
Appearance (L102261)	Colorless Liquid	Colorless liquid



John Su  
QA & QC Manager