

Certificate of Analysis

Date of Testing: 2025-02-06 15:31:00

Date of Next Testing: 2029-02-05 15:31:00

Product Name: **Lithium deuterioxide solution**

CAS Number: 12159-20-5

Specifications & Purity: ≥ 99.5 atom% D, 3 N in D₂O

Lot #: A2509274

SKU #: **L102261**

Version: **0**

Analysis #: **352548**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Assay(Titration by HCL)	8.5-9.5 (%)	9.40 %
Proton NMR (Atom % D)	99.5-100 (atom%)	99.98 atom%
Appearance (L102261)	Colorless Liquid	Colorless liquid

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager