

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-06-26 16:43:34

Date of Next Testing: 2028-06-25 16:43:34

Product Name: **Deuterium oxide-¹⁸O**

CAS Number: 14674-67-0

Specifications & Purity: ≥99 atom% D, ≥95 atom% ¹⁸O

Lot #: F2519180

SKU #: **D474172**

Version: **1**

Analysis #: **285249**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Isotopic purity (Atom % D)	99-100 (%)	99.80000 %
¹⁸ O Enrichment (¹⁸ O)	95-100 (%)	96.00000 %
Purity(HPLC area)	99.9-100 (%)	99.90000 %
Appearance(D474172)	Clear Colorless Liquid	Clear Colorless Liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
LC-MS for identification	Conforms	Conforms



John Su
QA & QC Manager