

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-08-25 09:17:15

Date of Next Testing: 2027-08-15 09:17:15

Product Name: **Methanol-12C,d₄**

CAS Number: 811-98-3

Specifications & Purity: ≥ 99.8 atom% D, contains 0.03 % (v/v) TMS

Lot #: H2519345

SKU #: **M140114**

Version: **0**

Analysis #: **556255**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Purity(GC)	99-100 (%)	99.80000 %
Proton NMR (Atom % D)	99.8-100 (atom%)	99.80000 atom%
Water by Karl Fischer	0-0.1 (%)	0.02000 %
Mass Balance(V/V TMS)	0.026-0.04 (%)	0.02610 %
Appearance (M140114)	Colorless liquid	Colorless liquid



John Su
QA & QC Manager