

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-09-21 08:50:44
 Date of Next Testing: 2026-09-11 08:50:44
 Product Name: **Methanol-12C,d4**
 CAS Number: 811-98-3
 Specifications & Purity: ≥ 99.8 atom% D, contains 0.03 % (v/v) TMS
 Lot #: I2411156
 SKU #: **M140114**
 Version: **0**
 Analysis #: **413523**
 Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Purity(GC)	99-100 (%)	99.35000 %
Proton NMR (Atom % D)	99.8-100 (atom%)	99.81000 atom%
Mass Balance(V/V TMS)	0.026-0.04 (%)	0.03200 %
Water by Karl Fischer	0-0.1 (%)	0.05000 %
Appearance (M140114)	Colorless liquid	Colorless liquid



John Su
QA & QC Manager