

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-07-21 15:39:04

Date of Next Testing: 2024-07-10 15:39:04

Product Name: **Methanol-12C,d4**

CAS Number: 811-98-3

Specifications & Purity: D,99.8% (0.05% v/v TMS)

Lot #: I2010036

SKU #: **M102264**

Analysis: **116109**

Storage Temperature: Protected from light,Room temperature,Argon charged,Desiccated

Parameter	Limit Values	Result
Water by Karl Fischer	0-0.025 (%)	0.01 %
Purity(GC)	99-100 (%)	99.76 %
Proton NMR (Atom % D)	99.8-100 (atom%)	99.80 atom%
Mass Balance(V/V TMS)	0.046-0.06 (%)	0.05 %
Appearance (M102264)	Colorless liquid	Colorless liquid



John Su
QA & QC Manager