

## Certificate of Analysis

Date of Testing: 2025-06-19 13:47:57

Date of Next Testing: 2027-06-09 13:47:57

Product Name: **Methanol-12C,d<sub>4</sub>**

CAS Number: 811-98-3

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

Lot #: B2010088

SKU #: **M140114**

Version: **0**

Analysis #: **527806**

Storage Temperature: Argon charged

| Parameter             | Limit Values     | Result           |
|-----------------------|------------------|------------------|
| Purity(GC)            | 99-100 (%)       | 99.67 %          |
| Proton NMR (Atom % D) | 99.8-100 (atom%) | 99.87 atom%      |
| Mass Balance(V/V TMS) | 0.026-0.04 (%)   | 0.03 %           |
| Water by Karl Fischer | 0-0.1 (%)        | 0.01 %           |
| Appearance (M140114)  | Colorless liquid | Colorless liquid |



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