

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

# Certificate of Analysis

Date of Testing: 2025-06-16 16:37:51

Date of Next Testing: 2029-06-15 16:37:51

Product Name: **2-Methyl-1-propanol**

CAS Number: 78-83-1

Specifications & Purity: CP, ≥98%

Lot #: F2511213

SKU #: **M103313**

Version: **2**

Analysis #: **530971**

Storage Temperature: Room temperature

| Parameter                                   | Limit Values          | Result                |
|---------------------------------------------|-----------------------|-----------------------|
| Refractive index n <sub>20</sub> /D         | 1.395-1.398           | 1.39570               |
| Esters                                      | 0-0.2 (%)             | 0.03000 %             |
| Free acids                                  | 0-0.02 (%)            | 0.00000 %             |
| Aldehydes                                   | 0-0.05 (%)            | 0.01500 %             |
| Novolatile                                  | 0-0.005 (%)           | 0.00000 %             |
| (CH <sub>3</sub> COCH <sub>3</sub> )Acetone | 0-0.01 (%)            | 0.00000 %             |
| Unsaturated compounds                       | 0-0.1 (%)             | 0.02000 %             |
| Purity(GC)                                  | 98-100 (%)            | 99.89800 %            |
| Density (20°C)                              | 0.801-0.803 (g/ml)    | 0.80300 g/ml          |
| Boiling range,106.7~108.7°C                 | Conforms              | Conforms              |
| Substances darkened by sulfuric acid        | Pass                  | Pass                  |
| Infrared spectrum                           | Conforms to Structure | Conforms to Structure |
| Appearance(M103313)                         | Colorless liquid      | Colorless liquid      |



John Su  
QA & QC Manager