

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-11-21 11:07:10

Date of Next Testing: 2027-11-20 11:07:10

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

CAS Number: 78-83-1

Specifications & Purity: CP, ≥98%

Lot #: K2317306

SKU #: **M103313**

Version: **2**

Analysis #: **297502**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Refractive index n ₂₀ /D	1.395-1.398	1.39580
Esters	0-0.2 (%)	0.03400 %
Free acids	0-0.02 (%)	0.00200 %
Aldehydes	0-0.05 (%)	0.01730 %
Novolatile	0-0.005 (%)	0.00000 %
(CH ₃ COCH ₃)Acetone	0-0.01 (%)	0.00500 %
Unsaturated compounds	0-0.1 (%)	0.03000 %
Purity(GC)	98-100 (%)	99.98200 %
Density (20°C)	0.801-0.803 (g/ml)	0.80260 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