

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-10-31 11:56:31

Date of Next Testing: 2028-10-30 11:56:31

Product Name: **(R)-2-Methylbutanoic acid**

CAS Number: 32231-50-8

Specifications & Purity: $\geq 95\%$

Lot #: J2530168

SKU #: **R588721**

Version: **2**

Analysis #: **588308**

Storage Temperature: Protected from light, Store at -20°C

Parameter	Limit Values	Result
Specific rotation $[\alpha]_{20/D}$ (C=2 in Methanol)	-23.2~-17.2 ($^{\circ}$)	-22.61000 $^{\circ}$
Purity(GC)	95-100 (%)	99.83500 %
Appearance(R588721)	Colorless liquid	Colorless liquid
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager