

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-05-09 16:47:26

Date of Next Testing: 2028-05-08 16:47:26

Product Name: **(R)-2-hydroxy-3,3-dimethylbutanoic acid**

CAS Number: 22146-57-2

Specifications & Purity: $\geq 98\%$

Lot #: E2506317

SKU #: **T725855**

Version: **2**

Analysis #: **496672**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(GC)	98-100 (%)	98.78900 %
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in } \text{CH}_2\text{Cl}_2)$	$-14 \sim -10 (^{\circ})$	-10.78200°
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager