

Certificate of Analysis

Date of Testing: 2025-05-09 16:41:15
 Date of Next Testing: 2028-05-08 16:41:15
 Product Name: **(R)-2-hydroxy-3,3-dimethylbutanoic acid**
 CAS Number: 22146-57-2
 Specifications & Purity: $\geq 98\%$
 Lot #: E2506314
 SKU #: **T725855**
 Version: **2**
 Analysis #: **496672**
 Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(GC)	98-100 (%)	98.79%
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in } \text{CH}_2\text{Cl}_2)$	$-14 \sim -10 (^{\circ})$	-10.78°
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager