

Certificate of Analysis

Date of Testing: 2024-08-07 14:53:25

Date of Next Testing: 2026-08-07 14:53:25

Product Name: **(S)-3,3,3-Trifluoro-2-hydroxy-2-methylpropionic Acid**

CAS Number: 24435-45-8

Specifications & Purity: >98.0%(T)

Lot #: D1713167

SKU #: **S138547**

Version: **0**

Analysis #: **396429**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Melting point	108-112 (°C)	109.58000 °C
Specific Rotation [α] ₂₀ /D(c=5 in H ₂ O)	-17--16 (°)	-16.48 °
Purity(Neutralization titration)	97.5-102.5 (%)	98.18 %
Purity(GC)	98-100 (%)	98.52 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O	Almost transparency	almost transparency



John Su
QA & QC Manager