



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-212899
Lot Number: SAMPLE
Product Name: (S)-Trifluorolactic Acid
CAS Number: 125995-00-8
Molecular Formula: $C_3H_3F_3O_3$
Molecular Weight: 144.05

Test	Specification	Result
Appearance	Colorless to white powder crystals	White crystals
Identification (Infrared Spectrum)	Consistent with structure	Complies
Purity (GC)	$\geq 97.5\%$	99.6%
Purity (Sodium Hydroxide Titration)	97.5% - 102.5%	99.6%
Optical Rotation	$-44 \pm 4^\circ (c=1\%, CHCl_3)$	-47.7°

Satisfaction Guarantee: We appreciate your business and are committed to providing the highest level of quality and service. Any product that does not meet the performance standards indicated in our product literature will be replaced at no charge. Our policy is valid for one year from the date of your purchase.

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