



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-214795
Lot Number: SAMPLE
Product Name: D-(-)-Threose
CAS Number: 95-43-2
Molecular Formula: $C_4H_8O_4$
Molecular Weight: 120.10

Test	Specification	Result
Appearance (Color)	Colorless	Colorless
Appearance (Turbidity)	Clear	Clear
Appearance (Form)	Viscous liquid	Viscous liquid
Identification (1H -NMR)	Complies with structure	Complies
Identification (^{13}C -NMR)	Complies with structure	Complies
Purity (HPLC)	$\geq 90\%$ A	99 % A
Specific Rotation	-16.4 - -9.8'	-10.5'
Carbon	$\geq 60\%$	> 98 %

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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