



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-204033
Lot Number: SAMPLE
Product Name: L-(-)-threo-3-Hydroxyaspartic acid
CAS Number: 7298-99-9
Molecular Formula: $C_4H_7NO_5$
Molecular Weight: 149.1

Test	Specification	Result
Appearance		White solid
Chiral purity (HPLC)		98.5%
Identification (1H-NMR)		Consistent with structure
Identification (Mass Spectrometry)		Consistent with structure
TLC		Rf = 0.47 (Pyridine: Acetic acid: Water: Butanol [3: 8: 11: 33])
Optical Rotation		-11.9° (c = 0.32, water)
Carbon Content	32.22%	32.29%
Hydrogen Content	4.73%	4.71%
Nitrogen Content	9.39%	9.37%

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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