



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-204344
Lot Number: SAMPLE
Product Name: (±)-threo-3-Methylglutamic acid
CAS Number: 63088-04-0
Molecular Formula: $C_6H_{11}NO_4$
Molecular Weight: 161.16

Test	Specification	Result
Appearance		White crystalline powder
Identification (1H -NMR)		Consistent with structure
Identification (Mass Spectrometry)		Consistent with structure
Purity (HPLC)		98.8%
TLC		Rf = 0.22 (Pyridine: Acetic acid: Water: Butanol [3: 8: 11: 33])
Melting Point		166 - 168 °C
Carbon Content	44.72%	44.71%
Hydrogen Content	6.88%	6.9%
Nitrogen Content	8.69%	8.62%

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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