



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-397434
Lot Number: SAMPLE
Product Name: L-Asparagine
CAS Number: 5794-13-8 (unlabeled)
Molecular Formula: $(^{13}\text{C})_4\text{H}_9\text{N}_2\text{O}_3\cdot\text{H}_2\text{O}$
Molecular Weight: 154.10

Test	Specification	Result
Chiral purity (HPLC)		No D-Isomer detected
Identification (^{13}C -NMR)		Complies
Isotopic Enrichment (GC/MS)		99.1%
Purity (^1H -NMR)	>98%	Complies
Purity (HPLC)	>98%	99.6%
Melting Point		233°C
Salts (Silver Nitrate)		Complies
Water Content (KF)		12.3%

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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