



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-478345
Lot Number: SAMPLE
Product Name: L-Ornithine-d6 Hydrochloride
CAS Number: 347841-40-1
Molecular Formula: $C_5H_7D_6ClN_2O_2$
Molecular Weight: 174.66

Test	Result
Appearance	Off-white solid
Identification (1H -NMR)	Consistent with structure
Identification (Mass Spectrometry)	Consistent with structure
Isotopic Purity	99.0%
Purity (TLC)	98%
Atmosphere	Air
Melting Point	225.0 - 228.0 °C (dec.)
Solubility	Water
Specific Rotation	+24.0° (c = 0.22, 6N Hydrochloric Acid)
Chloride	19.0%

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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