



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-286061
Lot Number: SAMPLE
Product Name: L-Arginine amide dihydrochloride
CAS Number: 14975-30-5
Molecular Formula: $C_6H_{15}N_5O \cdot 2HCl$
Molecular Weight: 246.2

Test	Result
Appearance	White powder
Assay	93.3%
Purity (TLC)	> 99%
Elemental Analysis	Nth 28.45%, Nfd 25.55%
Solution	Clear, colorless solution (25 mg/mL in Methanol)
Optical Rotation ($\alpha_{24/D}$)	+16.0° (c = 1 in H ₂ O)
Impurity	D-Enantiomer: < 0.1%
Related Substances	H-Arg-OMe·2HCl: < 0.2%
Water Content (KF)	6.9%

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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