



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-257280
Lot Number: SAMPLE
Product Name: D-Arginine monohydrochloride
CAS Number: 627-75-8
Molecular Formula: $C_6H_{14}N_4O_2 \cdot HCl$
Molecular Weight: 210.66

Test	Result
Assay	100%
Residue on Ignition	0.02% (as sulfate)
Solubility	Colorless and clear solution in water (c=5)
Specific Rotation ($\alpha_{20/D}$)	-22.6° (c = 8, 6 N HCl)
Heavy Metals (Pb)	< 10 ppm
Loss on Drying	0.01%
Other Amino Acids	Not detected by TLC(the spotted amount, 20 μ g)
Ammonium	< 0.02%
Arsenic	< 1 ppm
Iron	< 10 ppm
Sulfate	< 0.03%

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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