



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-391662
Lot Number: SAMPLE
Product Name: L-Arginine Monohydrochloride
CAS Number: 1119-34-2
Molecular Formula: $C_6H_{15}ClN_4O_2$
Molecular Weight: 210.66

Test	Result
Appearance	White crystalline powder
Assay (Dried Basis)	99.7%
pH	5.5
Residue on Ignition	0.00%
Specific Rotation ($\alpha_{20/D}$)	+ 22.7°
Heavy Metals (Pb)	< 10 ppm
Loss on Drying	0.01%
Ammonia	< 0.02%
Arsenic	< 1 ppm
Chloride	16.7%
Iron	< 10 ppm
Sulfate	< 0.02%
Amino Acid Analysis	< 0.4% (TLC 100 μ g)

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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