



INDOFINE Chemical Company, Inc.

121 Stryker Lane, Bldg. 30, Suite 1 • Hillsborough, NJ 08844 • U.S.A.

Phone: (908) 359-6778 • FAX: (908) 359-1179

website: www.indofinechemical.com

e-mail: chemical@indofinechemical.com

Certificate of Analysis

Catalog Number	04-301
Product Name	L-Arginine hydrochloride
Lot Number	K84475
CAS Registry Number	1119-34-2
Molecular Formula	$C_6H_{14}N_4O_2 \cdot HCl$
Molecular Weight	210.66
Melting Point	226-230°C
Appearance	White crystalline powder
Assay (Dry basis)	99.8%
Specific Rotation (α^{20}_D)	+22.7°
Loss on Drying	0.01%
Residue on Ignition	0.01%
Sulfate (SO₄)	<0.02%
Arsenic (As₂O₃)	<1ppm
Heavy Metals (Pb)	<10ppm
Chloride (Cl)	16.7%
Organic Volatile Impurities	Meets USP requirements
Pyrogen	Negative