



## CERTIFICATE OF ANALYSIS

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Product	L-Arginine free base
Grade	Ultra Pure
Product Code	AB0205
Formula	$C_6H_{14}N_4O_2$
MW	174.2
CAS#	74-79-3
Lot No	

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Test Items	Specifications	Results
Appearance	White crystals or crystalline powder	
Identification (IR)	Concordant with the reference spectrum	
Assay	98.5-101.5%	
Specific rotation $[\alpha]_D^{20}$	+26.3°-+27.7°	
Chloride (Cl)	≤0.05%	
Sulfate (SO <sub>4</sub> )	≤0.03%	
Iron (Fe)	≤30ppm	
Heavy metals (Pb)	≤15ppm	
Loss on drying	≤0.50%	
Residue on ignition	≤0.30%	

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Storage: R.T.