

CERTIFICATION OF ANALYSIS

Product Name: L-Arginine

Manufacture Date: 2019.10.20

Batch No.: 20191020

Quantity: 1000KGS

Item	Specification	Result
Appearance	White crystalline or crystalline powder	Conforms
Identification	Infrared Absorption	Conforms
Specific rotation [α]D20	+26.3° to +27.7°	+27.3°
Loss on drying	Not more than 0.5%	0.20%
Residue on ignition	Not more than 0.30%	0.04%
Chloride (Cl)	Not more than 0.05%	Conforms
Sulfate(SO4)	Not more than 0.03%	Conforms
Iron(Fe)	Not more than 30ppm	Conforms
Heavy metals	Not more than 15ppm	Conforms
Chromatographic Purity	Meet the requirement	Conforms
Assay	98.5% to 101.5%	99.7%
Conclusion :	The products Conforms to usp32	