



# 武汉福鑫化工有限公司

## Wuhan Fortuna Chemical Co.,Ltd

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### CERTIFICATE OF ANALYSIS

Product name: L-Arginine HCL

Batch No.: 160528028

Quantity: 1000kg

Reference standard: USP36

Manuf No.: May, 28<sup>th</sup>, 2016

Expiry Date: May, 27<sup>th</sup>, 2018

Items	Standard	Results
Appearance	White crystals or crystalline powder	Conforms
Specific rotation	+21.4~+23.6°	+22.2°
Loss on drying	≤0.20%	0.018%
Residue on ignition	≤0.10%	0.07%
Sulfate	≤0.03%	< 0.02%
Heavy Metals	≤20ppm	< 20ppm
Chromatographic purity	Individual impurity ≤0.5% Total impurities ≤2.0%	Conforms Conforms
Chloride	16.5~17.1%	16.7%
Assay	98.5~101.5%	99.5%
Conclusion:	The Product Conforms to USP36	

Q.C.: Luo Xiaofeng

RE-test: AT02

Test: AT01