



# 武汉福鑫化工有限公司 Wuhan Fortuna Chemical Co.,Ltd

地址：武汉市金桥大道107号凯信大厦2号楼2015-2016室

Address: Room 2015-2016, No.2 Building, Kaixin Mansion, No.107 Jinqiao Avenue, Wuhan, China.

Tel: +86-27-85767163, 59207850 Fax: +86-27-59524646 Zip code: 430013

Website: www.fortunachem.com E-mail: sales@fortunachem.com info@fortunachem.com

## Certificate of Analysis

Product Name: L-Valine

CAS No.: 72-18-4

Quantity: 225kg

Batch No.: 20200430

Manufacture Date: Apr, 30, 2020

Expiry Date: Apr, 29, 2022

Items	Specification	Results
Appearance	White crystals or crystalline powder	White crystalline powder
Specific rotation	+26.6~+28.8°	+27.6°
pH	5.5~7.0	6.4
Loss on drying	≤0.30%	0.05%
Residue on ignition	≤0.10%	0.08%
Chloride	≤0.05%	<0.05%
Sulfate	≤0.03%	<0.03%
Iron	≤30ppm	<30ppm
Heavy metals	≤15ppm	<15ppm
Assay	98.5%-101.5%	99.6%
Conclusion	The product conforms to USP36.	

QC: Luo Xiaofeng

Test: AT02

Re-test: AT03