



Zhengzhou Yuanli Biological Technology Co., Ltd.

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Certificate of Analysis

质量检验单

Product Name: L-瓜氨酸 (L-CITRULLINE)		Batch No.: 2019051101
CAS No.: 372-75-8		Quantity: 1000kg
Manufacturing Date: 05/11/2019		Expired Date: 05/10/2021
检验项目 Test Items	标准规定 Requirements	检测结果 Test Results
性状 Description	White crystals or crystalline powder	Complies
鉴别 红外 Identification (IR)	concordant with the reference spectrum	Complies
酸度 PH	5.0~7.0	6.2
比旋度 Specific rotation[D20	+24.5° ~+26.8°	+25.6°
溶液的透光度 State of solution Transmittance T430	≥98.0%	99.0%
氯化物 Chloride(Cl)	≤0.02%	<0.02%
铵 Ammonium(NH4)	≤0.02%	<0.02%
硫酸盐 Sulfate(SO4)	≤0.020%	<0.02%
铁盐 Iron(Fe)	≤10ppm	<10ppm
重金属 Heavy metals(Pb)	≤10ppm	<10ppm
砷盐 Arsenic(As)	≤1ppm	<1ppm
干燥失重 Loss on drying	≤0.30%	0.10%
有机挥发物 Residual solvents	According to EP	Complies
炽灼残渣 Residue on ignition	≤0.10%	0.05%
含量 Assay	98.5~101%	99.50%
结论 Conclusion	本品经检验符合 AJI92 指标规定。 Passed test according to the Standard of AJI92.	
Checker: Pingping He	Rechecker: Jing zhao	Supervisor: Xuezhe Han

