

CERTIFICATE OF ANALYSIS

Product Name:	L-Phenylalanine	Batch No.	JL20230517
Cas	63-91-2	MF Date	May. 17, 2023
Packing	25KGS/BAG	Analysis Date	May. 17, 2023
Quantity	5000KGS	Expiry Date	May. 16, 2025
ITEM 分析项目	STANDARD 技术指标	RESULT 实测结果	
Appearance	White crystalline or crystalline powder	Conforms	
Identification	Concordant with the reference spectrum	Conforms	
Specification Rotation	-32.7°~-34.7°	-33.7°	
PH	5.4~6.0	5.73	
Loss on drying,%	≤0.3	0.11	
Residue on ignition,%	≤0.4	0.05	
Chloride (As Cl),%	≤0.05	<0.05	
Sulfate,%	≤0.03	<0.03	
Heavy metals,ppm	≤15	<15	
Arsenic, ppm	≤1	<1	
Lead, ppm	≤3	<3	
Mercury, ppm	<0.1	<0.1	
Cadmium, Ppm	≤1	<1	
Total plant count	≤1000cfu/g	<1000cfu/g	
Yeast & mold	≤100cfu/g	<100cfu/g	
E. Coli	Negative	Conforms	
Salmonella	Negative	Conforms	
Mesh	80mesh	≥80%	
Assay,%	98.5~101.5	99.62	
Conclusion	The goods conforms to USP32 Standard.		

Analyst: Wen Qian**Quality Assurance Officer: Zhan Peng**