

检验报告单
CERTIFICATE OF ANALYSIS

Product Name	L-Citrulline	CASNO.	372-75-8
Batch NO.	251121	Quantity	250KGS
Manufacture Date	2025.11.21	Report Date	2025.11.26
Expiry Date	2027.11.20	Packing	25KG/DRUM
检验项目 Test Items	标准规定 Standard	检验结果 Analysis Results	Method
外观 Appearance	White crystals or crystalline powder	Conforms	--
溶解度 Solubility	Soluble in water	Conforms	--
鉴别 Identification	Infrared absorption	Conforms	USP41
含量 Assay	98.5 ~ 101.0%	99.80%	USP41
灼烧残渣 Residue On Ignition	≤0.1%	0.06%	In house
氯化物 Chloride	≤0.02%	<0.02%	USP41
硫酸盐 Sulfate	≤0.02%	<0.02%	USP41
铵盐 Ammonium	≤0.02%	<0.02%	USP41
铁 Iron	≤0.001%	<0.001%	In house
砷 Arsenic	≤0.5PPm	<0.5PPm	USP41
铅 Lead	≤1ppm	<1ppm	USP41
镉 Cadmium	≤0.5ppm	<0.5ppm	USP41
汞 Mercury	≤0.1ppm	<0.1ppm	USP41
重金属 Heavy Metal	≤0.0010%	<0.0010%	USP41
乙酰鸟氨酸杂质 Acetylmethionine (Impurity)	≤0.5%	<0.5%	USP41
其他未指明杂质 Any unspecified Impurity	≤0.1%	<0.1%	USP41
总杂质 Total Impurities	≤2.0%	<2.0%	USP41
比旋度 Specific Rotation	+24.5°~ +26.5°(t=25°C)	+26.06°	USP41
酸度 pH	5.0 ~ 7.0	6.1	In house
干燥失重 Loss On Drying	≤0.2%	0.11%	AJ192
目数 Particle Size	≥80% pass 60M	Conforms	GB
菌落总数 Total viable count	<1000 cfu/g	Conforms	USP41
霉菌和酵母菌 Yeast and Mold	<100 cfu/g	Conforms	USP41
肠杆菌属 Enterobacteriaceae	Negative/10g	Negative	ISO
沙门氏菌 Salmonella sp.	Negative/25g	Negative	USP41
大肠菌群 Coliforms bacteria	Negative/g	Negative	USP41
大肠杆菌 Escherichia coli	Negative/g	Negative	USP41
金黄色葡萄球菌 Staphylococcus aureus	Negative/g	Negative	USP41
芽孢杆菌 Bacillus sp.	Negative/g	Negative	ISO
梭菌属 Clostridium sp	Negative/g	Negative	USP41
Conclusion: USP41			

负责人 Director:

检验员 Inspector:

复核员 Checker:



Residual Solvents Declaration

Product: L-Citrulline

We, Ningdu Huike Technology CO., LTD, hereby confirm that during the manufacture of L-Citrulline no solvents are used.

Signed by

Ningdu Huike Technology CO., LTD

