

SUNNY CHEMGROUP CO., LIMITED

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CERTIFICATE OF ANALYSIS

INVOICE NO.:TTSFC612/24

PO NO.:6773

产品名称 Product Name: L-异亮氨酸 L-Isoleucine	
化学登录号 CAS No.: 73-32-5	质量标准 Quality Standard: USP24
批号 Batch No.: 120240226026	数量 Quantity: 750KGS
生产日期 Manufacture Date: 2024/02/26	RE-TEST Date: 2027/02/25

Items	Specifications	Results	Test Method
外观 Appearance	White crystals or crystalline powder	Conforms	Visual
比旋度 Specific rotation $[\alpha]_D^{25}$	+38.9°~+41.8°	+40.0°	USP<781S>
pH 值	5.5~7.0	6.69	USP<791>
干燥失重 Loss on drying	≤0.3%	0.09%	USP<731>
灼烧残渣 Residue on ignition	≤0.3%	0.06%	USP<281>
氯化物 Chloride(Cl)	≤0.05%	<0.05%	USP<221>
硫酸盐 Sulfate(SO ₄)	≤0.03%	<0.03%	USP<221>
铁盐 Iron(Fe)	≤0.003%	<0.003%	USP<241>
重金属 Heavy metals(Pb)	≤0.0015%	<0.0015%	USP<231>
有机挥发物 Organic volatile impurities	应符合规定 Meets the requirements	Conforms	USP<467>
含量 Assay	98.5~101.5%	100.4%	Titration
Total Plate count	MAX 2000CFU/g	<2000CFU/g	USP
Moulds and yeasts count	MAX 100CFU/g	<100CFU/g	USP
Escherichia Coli.	Negative	Negative	USP
Staphylococcus Aureus	Negative	Negative	USP
Salmonella	Negative	Negative	USP

结 论: 本批产品经检验符合美国药典USP24标准。

Conclusion: This Batch Is Conforming With The Standard Of USP24.

For and on behalf of
SUNNY CHEMGROUP CO., LIMITED
阳光化工集團有限公司

Authorized Signature(s)

REF PT-25183-777 LOTE 317811

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