

REF PT-25211-777 318997

SUNNY CHEMGROUP CO., LIMITED

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CHAI WAN HONGKONG(TAX ID: 6248141400012176)

Certificate of analysis

INVOICE NO.:TTSFC676/24

PO NO.:6881

SAMPLE NAME	L-Lysine HCL	BATCH NO.	24081901
QUANTITY	1500 KGS	DATE OF MANUFACTURE	AUG.19,2024
SPECIFICATION	USP-NF2023	RE-TEST DATE:	AUG.18,2026

ITEM	Standards	RESULT
Appearance	White crystalline powder	Conform
Identification	Ninhydrin Identification	Meet the requirement
Specific Rotation	+ 20.4° ~ +21.4°	21°
Assay	98.5%~101.5%	99.5%
Chloride	19.0~19.6%	19.4%
Sulphate	≤0.03%	<0.02%
Iron	≤0.003%	<0.001%
Heavy Metals	≤15ppm	<15ppm
Loss on drying	≤0.4%	0.22%
Residue on ignition	≤0.1%	0.07%

Conclusion: This product conforms to USP-NF2023 standard.

APROBADO

AL-002-100.

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