

# SUNNY CHEMGROUP CO., LIMITED

218 C 5/F JAFFE MANSION 218 JAFFE RD WAN CHAI HONGKONG

(TAX ID: 6248141400012176)

## Certificate of analysis

INVOICE NO.:TTSFC583/23

PO No.:6723

SAMPLE NAME	L-Lysine HCL	BATCH NO.	24041101
QUANTITY	1000 KGS	DATE OF MANUFACTURE	Apr.11,2024
SPECIFICATION	USP-NF2023	RE-TEST DATE:	Apr10,2026

ITEM	Standards	RESULT
Appearance	White crystalline powder	Conform
Identification	Ninhydrin Identification	Meet the requirement
Specific Rotation	+ 20.4° ~ +21.4°	20.8°
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%	0.27%
Residue on ignition	≤0.1%	0.08%

Conclusion: This product conforms to USP-NF2023 standard.

AL-002100

APROBADO

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13/08/24 Fms P-23

REF PT-25211-777 LOTE 318085