

# SUNNY CHEMGROUP CO., LIMITED

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

(TAX ID: 6248141400012176)

## Certificate of analysis

INVOICE NO.:TTSFC564/23

PO NO.:6697

SAMPLE NAME	L-Lysine HCL	BATCH NO.	23091701
QUANTITY	<del>1000</del> KGS 500	DATE OF MANUFACTURE	2023.09.17
SPECIFICATION	USP39	RE-TEST DATE:	2025.09.16

ITEM	Standards	RESULT
Appearance	White crystalline powder	Conform
Identification	Ninhydrin Identification	Meet the requirement
Specific Rotation	+ 20.4° ~ +21.4°	21.0°
Assay	98.5%~101.5%	99.5%
Chloride	19.0~19.6%	19.3%
Sulphate	≤0.03%	<0.02%
Iron	≤0.003%	<0.001%
Heavy Metals	≤15ppm	<15ppm
Loss on drying	≤0.4%	0.21%
Residue on ignition	≤0.1%	0.05%

Conclusion: This product conforms to USP39 standard.

REF PT-25211-777 LOTE

317374

APROBADO

AL-002-100  
LOTE:305 P79