

# SUNNY CHEMGROUP CO., LIMITED

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

(TAX ID: 6248141400012176)

## Certificate of analysis

INVOICE NO.:TTSFC510/23

PO NO.:6611

SAMPLE NAME	L-Lysine HCL	BATCH NO.	2304110402
QUANTITY	500 KGS	DATE OF MANUFACTURE	2023.04.11
SPECIFICATION	USP39	RE-TEST DATE:	2025.04.10

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%	99.4%
Chloride	19.0~19.6%	19.37%
Sulphate	≤0.03%	<0.02%
Iron	≤0.003%	<0.001%
Heavy Metals	≤15ppm	<15ppm
Loss on drying	≤0.4%	0.33%
Residue on ignition	≤0.1%	0.04%

Conclusion: This product conforms to USP39 standard.

REF: PT-25211-777 LOTE

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