

# SUNNY CHEMGROUP CO., LIMITED

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

(TAX ID: 6248141400012176)

## Certificate of analysis

INVOICE NO.:TTSFC450/22

PO No.:6493

SAMPLE NAME	L-Lysine HCL	BATCH NO.	2209060930
QUANTITY	1000 KGS	DATE OF MANUFACTURE	2022.09.06
SPECIFICATION	USP39	RE-TEST DATE:	2024.09.05

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%	19.34%
Sulphate	≤0.03%	<0.02%
Iron	≤0.003%	<0.001%
Heavy Metals	≤15ppm	<15ppm
Loss on drying	≤0.4%	0.34%
Residue on ignition	≤0.1%	0.03%

Conclusion: This product conforms to USP39 standard.

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

Authorized Signature(s)

APPROBADO

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