

# 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-Leucine	BATCH NO.	23042001
QUANTITY	1000 KGS	DATE OF MANUFACTURE	2023.04.20
SPECIFICATION	USP30	RE-TEST DATE:	2026.04.19

ITEM	Standards	RESULT
Appearance	White crystalline powder	Conform
Specific Rotation	+ 14.9° ~ +17.3°	15.4°
Chloride	≤500ppm	<300ppm
Ammonium	≤0.02%	<0.02%
Sulfate	≤300ppm	<300ppm
Iron	≤30ppm	<30ppm
Heavy Metals	≤15ppm	<15ppm
Loss on drying	≤0.20%	0.15%
Residue on ignition	≤0.40%	0.03%
Assay	98.5%~101.5%	99.7%

Conclusion: This product conforms to USP30 standard.

REF PT-25184-777 LOTE 317671

**APROBADO**

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