

REF PT-25184-777 LOTE 320217

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-Leucine	BATCH NO.	24040901
QUANTITY	1000 KGS	DATE OF MANUFACTURE	Apr,09,2024
SPECIFICATION	USP-NF2023	RE-TEST DATE:	Apr,08,2026

ITEM	Standards	RESULT
Appearance	White crystalline powder	Conform
Specific Rotation	+ 14.9° ~ +17.3°	15.7°
Chloride	≤500ppm	<300ppm
Ammonium	≤0.02%	<0.02%
Sulfate	≤300ppm	<200ppm
Iron	≤30ppm	<10ppm
Heavy Metals	≤15ppm	<5ppm
Loss on drying	≤0.20%	0.1%
Residue on ignition	≤0.40%	0.07%
Assay	98.5%~101.5%	99.1%

Conclusion: This product conforms to USP-NF2023 standard.

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