

SUNNY CHEMGROUP CO., LIMITED

ADDRESS:ROOM 1607 TREND CENTRE 29-31 CHEUNG LEE ST CHAI
WAN HONGKONG

(TAX ID: 6248141400012176)

Certificate of analysis

PO.: 6952

INVOICE NO.:TTSFC721/24

SAMPLE NAME	L-tryptophan	BATCH NO.	25010301
QUANTITY	500 KGS	DATE OF MANUFACTURE	2025.01.03
SPECIFICATION	USP32	RE-TEST DATE:	2027.01.02
Sampling date:	2025.01.03	Report date:	2025.01.03

ITEM	Standards	RESULT
Appearance	White-like Crystalline powder	Conforms
Specific Rotation	- 29.4° ~ -32.8°	-30.9°
PH	5.5~7.0	5.8
Loss on drying	≤0.30%	0.06%
Residue on ignition	≤0.1%	0.04%
Chloride	≤0.05%	<0.05%
Sulfate	≤0.03%	<0.03%
Iron	≤0.003%	<0.003%
Heavy Metals	≤0.0015%	<0.0015%
Assay(dried basis)	98.5~101.0%	99.3%

Conclusion: This product conforms to USP32 standard.

APRCEADO

AT-585-100

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Ref. PT-25222-777 partida 319598