



Shaanxi New Things Biotech Co.,Ltd

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CERTIFICATE OF ANALYSIS

Product Name	L-Theanine	Batch NO.	NT20250401
Packing	25KG/DRUM	MFG Date	2025/04/01
Quantity	5000KG	Shelfv Life	2027/03/31
Standard	FACTORY STANDARD	Inspection Date	2025/04/02

Items	Limits	Test results
Description	Brown Yellow Powder	Conforms
Solution clarity	Clear and colorless	Clear and colorless
Assay	≥50%	56.2%
PH	4.5-6.0	5.56
Loss on drying	≤1.0%	0.08%
Residue on ignition	≤0.20%	0.04%
Chloride	≤0.02%	< 0.02%
Sulfate	≤0.02%	< 0.02%
Particle size	90% through 0.18mm mesh	Conform
Heavy metals	≤10ppm	< 10ppm
Iron (Fe)	≤30ppm	<30ppm
Arsenic(As)	≤2ppm	<2ppm
Mercury(Hg)	≤0.1ppm	<0.1ppm
Cadmium	≤1ppm	< 1ppm
Total Plate Count	≤1000CFU/g	40 CFU/g
Yeast and Molds	≤100 CFU/g	< 100 CFU/g
Coliforms	Negative	Negative
Salmonella	Negative in 25g	Conforms
Conclusion: Passed test according to the factory standard.		

