



Xi'an Green Spring Technology Co.,Ltd

Certificate of Analysis

Product Name: L-Theanine

Batch No.:24032001GS

Manufacture Date: March,20th,2024

Analysis Date: March,20th,2024

Expiry Date:March,20th,2026

Quantity: 435kgs

Item	Specification	Result	Test Method
Physical and Chemical Property			
Appearance	Off-White Powder	Conforms	Visual
Particle size	≥95% through 80 mesh	Conforms	Screening
Residue on Ignition	≤lg/100g	0.50g/100g	3g/550°C/4hrs
Loss on Drying	<5g/100g	3.91g/100g	3g/105°C/2hrs
Identification	Conforms with TLC	Conforms	TLC
Content	≥98%	98.31%	HPLC
Residue Analysis			
Heavy Metals	≤10mg/kg	Conforms	
Lead(Pb)	≤1.00mg/kg	Conforms	ICP-MS
Arsenic(As)	≤1.00mg/kg	Conforms	ICP-MS
Cadmium(Cd)	≤1.00mg/kg	Conforms	ICP-MS
Mercury(Hg)	≤0.50mg/kg	Conforms	ICP-MS
Microbiological Tests			
Total Plate Count	≤1000cfu/g	200cfu/g	AOAC 990.12
Total Yeast &Mold	≤100cfu/g	10cfu/g	AOAC 997.02
E.Coli.	Negative/10g	Conforms	AOAC 991.14
Salmonella	Negative/10g	Conforms	AOAC 998.09
S.aureus	Negative/10g	Conforms	AOAC 2003.07
Product Status			
Conclusion:	Sample Qualified.		
Shelf Life:	24 months under the conditions below and its original packaging.		
Retest date:	Retest every 24 months under the conditions below and in its original packaging.		
Storage:	Store in a cool, dry place away from moisture,light.		

Quality Assurance: Liang Yan

