

Wuhan Amino Acid Bio-Chemical Co., Ltd.

武汉阿米诺科技有限公司

Add: Bonded Warehouse Building, Wuhan Economic & Technology Development Zone, Wuhan, China

中国武汉市经济技术开发区保税仓库大楼

CERTIFICATE OF ANALYSIS

Product: L-Theanine

Batch No.: 20260306

Quantity: 3000kgs

Expiry Date: Mar.,05,2029

CAS No.: 3081-61-6

Manu. Date: Mar.,06,2026

Inspecting Date: Mar.,06,2026

Item	Specification	Test result
Appearance	White crystalline powder	Conforms
Specific rotation (α) D ²⁰	+7.5° to +8.5°	+7.71°
Assay	98.0% to 102.0%	100.0%
Melting point	200°C to 210°C	Conforms
Heavy metals	Not more than 10ppm	<10ppm
Chloride(Cl)	Not more than 0.02%	<0.02%
Iron(Fe)	Not more than 10ppm	<10ppm
Arsenic(As ₂ O ₃)	Not more than 1ppm	< 1ppm
Loss on drying	Not more than 0.5%	0.08%
Residue on ignition	Not more than 0.20%	0.06%
pH	5.0 to 6.0	5.89
Total Plate Count	Not more than 1000cfu/g	<1000cfu/g
Yeast and Mold	Not more than 100cfu/g	<100cfu/g
E.Coli	Negative	Negative
Salmonella	Negative	Negative
Particle size	95% pass through 80mesh	Conforms
Mercury	Not more than 0.1ppm	< 0.1ppm
Cadmium	Not more than 1ppm	< 1ppm
Bulk density	0.3 to 0.6 g/ml	0.38g/ml
Tapped density	0.5 to 0.8 g/ml	0.7g/ml
Conclusion: : The product conforms to the specification of in-house standard		

Analyst: [Signature]

Check: [Signature]

Non-GMO,non-irradiation,non-BSE/TSE.

