



CERTIFICATE OF ANALYSIS

Product name:	L-Theanine	Expired Date:	2024-10-27
Batch Number:	LYPH221028	Report Date:	2022-10-30
Batch Size:	850KG	Manu. Date:	2022-10-28

Item	Specification	Test method	Result
Appearance	White powder	Visual	Conform
Assay	98.0-102.0%	HPLC	99.15%
Specific rotation (α)D ₂₀ (C=1, H ₂ O)	+7.7 to +8.5 Degree	CHP2015	+8.02 Degree
Solubility (1.0g/20ml H ₂ O)	Clear colorless	Visual	Conform
Chloride(Cl)	≤ 0.02%	CHP2015	< 0.02%
Loss on drying	≤ 0.5%	CHP2015	0.21%
Residue on ignition	≤ 0.2%	CHP2015	0.04%
PH	5.0-6.0	CHP2015	5.06
Melting point	202-215°C	CHP2015	203.5-204°C
Heavy metals(as Pb)	≤ 10ppm	CHP2015	< 10ppm
Arsenic(as As)	≤ 1ppm	CHP2015	< 1ppm
Total Plate Count	< 1000cfu/g	CHP2015	Conform
Mold and Yeasts	< 100cfu/g	CHP2015	Conform
Salmonella	Absent	CHP2015	Absent
E.Coli	Absent	CHP2015	Absent

Conclusion	Conforms with JP2000
Storage Condition	Preserve in tight containers at controlled room temperature.
Shelf Life	2Years when properly stored

Quality Assurance Officer: 董文华

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Analyst: 贺强

