



NUTRITIONAL INGREDIENT · IMPORTED

L-Theanine

N-ethyl-L-glutamine · CAS 3081-61-6 · JP2000

COUNTRY OF ORIGIN

CHINA

RESULT

Conforms

CHEMICAL NAME L-Theanine (N-ethyl-L-glutamine)	CAS NO. 3081-61-6	FORM Crystalline powder	STANDARD JP2000
COUNTRY OF ORIGIN China (People's Republic of China)	MFG. DATE 16 May 2025	EXP. DATE 15 May 2028	LOT QUANTITY 3,500 kg

S.NO	PARAMETER	SPECIFICATION	METHOD	RESULT
1.0	DESCRIPTION & IDENTIFICATION			
1.1	Appearance	White or quasi-white crystalline powder	—	White crystalline powder
1.2	Solubility	Clear, colourless	—	Clear, colourless
1.3	Specific rotation [α] _{D20}	+7.7° to +8.5°	—	+7.9°
1.4	Melting point	202.0–215.0 °C	—	205–209 °C
2.0	PHYSICAL & ANALYTICAL DATA			
2.1	pH	5.0 to 6.0	—	5.40
2.2	Loss on drying	NMT 1.0%	—	0.27%
2.3	Residue on ignition	NMT 0.2%	—	0.13%
2.4	Chloride (Cl)	NMT 0.02%	—	Conforms
2.5	Iron (Fe)	NMT 10 ppm	—	Conforms
3.0	ASSAY			
3.1	Assay (L-Theanine)	98.0% to 102.0%	—	98.59%
4.0	HEAVY METALS			
4.1	Heavy metals	NMT 10 ppm	—	Conforms
4.2	Lead	NMT 3 ppm	—	Conforms
4.3	Arsenic (as As ₂ O ₃)	NMT 2 ppm	—	Conforms
4.4	Mercury	NMT 0.1 ppm	—	Conforms
4.5	Cadmium	NMT 1 ppm	—	Conforms
5.0	MICROBIOLOGICAL ANALYSIS			
5.1	Total plate count	NMT 1,000 cfu/g	—	Conforms
5.2	Yeast & mould	NMT 100 cfu/g	—	Conforms
5.3	Escherichia coli	Negative	—	Conforms
5.4	Salmonella	Negative	—	Conforms

Remarks: The product L-Theanine conforms to the above-mentioned specifications. Complies with JP2000. This material is of Chinese origin and is imported from China.

ORIGIN & SUPPLY CHAIN Country of Origin: CHINA. The product is manufactured in the People's Republic of China and is imported from China. SV Botanica Private Limited supplies this material and is not the manufacturer.	
PACKING 25 kg per drum, double polyethylene inner bag	SHELF LIFE & STORAGE Up to 15 May 2028. Keep container dry and tightly closed in a cool, well-ventilated place, away from heat and oxidising agents.

