



TECHNICAL DATA SHEET

46433146-TDS-ENG-2025

TEANINA-L SINTETICA 98 %		
DESCRIPTION DCI: L-THEANINE		DESCRIPTION DOE: L-TEANINA
CAS Nº: 3081-61-6	EC Nº: 221-379-0	AEMPS CODE: 8331A
MOL. WEIGHT: 174,20	MOL. FORMULA: C7H14N2O3	ARTICLE CODE: 46433146

ATTRIBUTES	SHOULD BE
Appearance	Fine powder
Colour	White
Odour	Characteristic
Taste	Characteristic
Particle size	100% through 80 Mesh
Loss on drying	=< 1,0 %
Sulfated ash	=< 1,0 %
Specific optical rotation	+7,7° - +8,5°
pH	5,0 - 6,0
Heavy metals	=< 10 ppm
Arsenic	=< 2 ppm
Mercury	=< 0,1 ppm
Lead	=< 2 ppm
Cadmium	=< 1 ppm
GMO status	GMO free
Pesticides residues	Complies
Benzo(a)pyrene	=< 10 ppb
Sum of benzo(a)pyrene, benz(a)anthracene, benzo(b)fluorathene and chrysene	=< 50 ppb
Aflatoxin (G2+G1+B2+B1)	Negative
Microbiological control	
TAMC	=< 10000 CFU/g
TYMC	=< 300 CFU/g
Coliforms	Absence/1g
Staphylococcus aureus	Absence/1g
Escherichia coli	Absence/1g
Salmonella	Absence/25g
Listeria monocytogenes	Absence/1g
Assay	=> 98,0%

COMPLIES WITH

Manufacturer Specifications

STORAGE

Store in a cool place. Keep the container tightly closed, in a dry and well-ventilated place.



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REMARKS

Product suitable as a nutraceutical ingredient.