

Certificate Of Analysis

Product Name: L-Theanine
Batch No.: LT20220208
MFG. Date: Feb.08,2022
Expiry Date: Feb.07,2024
CAS No.: 3081-61-6
Molecular Formula: C₇H₁₄N₂O₃
Non GMO **BSE/TSE Free** **Non Irradiation**

ITEMS	SPECIFICATION	RESULTS	METHODS
Assay Data			
Purity	≥99%	99.07%	HPLC
Quality Data			
Appearance	White or off-white powder	Conforms	Visual
Loss on Drying	≤0.5%	0.27%	CP2015
Residue on ignition	≤0.2%	0.04%	CP2015
Specific Rotation[α] _D ^{20°}	+7.7°~ +8.5°	+8.1°	CP2015
PH	5.0~6.0	5.12	CP2015
Particle size	100% pass 80 mesh	Conforms	CP2015
Heavy metals(Pb)	≤10 ppm	Conforms	CP2015
Arsenic(As)	≤1 ppm	Conforms	CP2015
Chloride(Cl)	≤0.02%	Conforms	CP2015
Microbiological Data			
Total Plate Count	≤1000 cfu/g	Conforms	CP2015
Molds and Yeast	≤100 cfu/g	Conforms	CP2015
E.Coli	Negative	Conforms	CP2015
Salmonella	Negative	Conforms	CP2015
Addition Data			
Packing	25kg/drum.		
Storage	Store in a cool dry place, avoiding sunlight directly.		
Shelf Life	24 months under the conditions above and in its original packing.		

