



## SPEIFICATION

<b>Product name: Green Tea L-Theanine</b>			
Botanical Name	<i>Camellia sinensis (L.) O.Ktze</i>	Part	Leaf
Origin	China	CAS number	3081-61-6
Source	Plant	Solvent Used	Ethanol & Water
<b>Item</b>	<b>Standard</b>	<b>Analysis Method</b>	
Appearance	Buff, sandy or dark brown powder	Visual	
Odor & Taste	Characteristic	Organoleptic	
<b>Typical Analysis</b>			
Theanine	≥ 60.00%	HPLC	
Particle Size	NLT 95% through 80 meshes	US #80 Sieve	
Loss on drying	≤ 7.0 %	GB5009.3	
Benzo(a)pyrene	≤10µg/kg	(EU) 2015/1933	
PAH4	≤50µg/kg	(EU) 2015/1933	
<b>Heavy Metals</b>			
Heavy metals	≤ 10ppm	Atomic Absorption	
Arsenic (As)	≤ 1.0ppm	Atomic Absorption	
Lead (Pb)	≤ 3.0ppm	Atomic Absorption	
Cadmium (Cd)	≤ 1.0ppm	Atomic Absorption	
Mercury (Hg)	≤ 0.1ppm	Atomic Absorption	
<b>Microorganism</b>			
Total Bacterial Count	<1000cfu/g	USP43-NF38<2021>	
Total Molds Count	<100cfu/g	USP43-NF38<2021>	
Salmonella	Negative/25g	USP43-NF38<2022>	
E. Coli	Negative/10g	USP43-NF38<2022>	
Package	N.W. 25Kgs/fiber drum and two plastic bags inside.		
Shelf life	3 Year When Properly Stored		
Storage	Store in well-closed container at room temperature, protect from light, moisture and pest infestation.		