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SPECIFICATION

Version# LAYN (GG) 4194-C0

Product Name:	**Green Tea Extract 95% L-Theanine**	**Item Code:**	**GTE163**
Common Name:	Green Tea Extract	Shelf Life:	36 months
Raw Material:	Dried Tea Leaves	Carrier:	None
Botanical Name (Raw Material):	Camellia sinensis (L.) O. Ktze.	Country of Origin (Raw Material):	China
Declarations:	Non-GMO, Non-Irradiated, Non-Eto	Country of Origin (Manufacturing):	China
Storage:	Storage at room temperature, seal tightly, keep from moisture and strong light		

PARAMETER	SPECIFICATION	METHOD
Organoleptic Test		
Color	White or off white	Layn Sensory Testing Method
Appearance	Fine powder	Layn Sensory Testing Method
Odor & Taste	Characteristic without off-flavor	Layn Sensory Testing Method
Analytical Data		
L-Theanine, %	≥95.0	HPLC
Loss on Drying, %	≤ 5.0	JECFA vol.4
Heavy Metals		
*Arsenic (As), mg/kg	≤ 1.0	AOAC 993.14
*Lead (Pb), mg/kg	≤ 1.0	AOAC 993.14
Microbiological Control		
Total Aerobic Plate Count, cfu/g	≤ 1,000	JECFA vol.4
Yeast & Mold, cfu/g	≤ 100	JECFA vol.4
Coliforms, MPN/g	≤ 3.0	JECFA vol.4
*Escherichia Coli, 25g	Negative	JECFA vol.4
*Staphylococcus Aureus, 25g	Negative	JECFA vol.4
*Salmonella, 25g	Negative	JECFA vol.4
Note: **The item marked with * is tested at a set frequency based on risk assessment.** **Layn Internal Standard:** Green Tea Extract Quality Standard		

Approved by: Ou Daoying (QA Manager) 欧道英 **Approval Date: January 2, 2025**

No. LAYN(TY)032-B0