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CERTIFICATE OF ANALYSIS

Version# LAYN(JY) 1002-C0

Product Name:	Green Tea Extract GTE04	Item Code:	GTE04
Common Name:	Green Tea Extract	Batch Number:	GTE04-20091106
Raw Material:	Dried Tea Leaves	Manufacture Date:	September 11, 2020
Botanical Name(Raw Material):	Camellia sinensis (L.) O. Ktze.	Report Date:	September 16, 2020
Country of Origin (Raw Material):	China	Retesting Date:	September 10, 2023
Country of Origin (Manufacturing):	China	Extraction Solvent:	Water
Declarations:	Non-GMO, Non-Irradiated, Non-Eto	Carrier:	None
Storage:	Storage at room temperature, seal tightly, keep from moisture and strong light		

PARAMETER	SPECIFICATION	METHOD	RESULT
<u>Organoleptic Test</u>			
Color	Reddish brown to red	Layn Sensory Testing Method	Complies
Appearance	Fine powder	Layn Sensory Testing Method	Complies
Odor & Taste	Characteristic without off-flavor	Layn Sensory Testing Method	Complies
<u>Analytical Data</u>			
Polyphenols, %	≥ 98.0	Layn Polyphenols Testing Method	98.90
EGCG, %	≥ 40.0	Layn EGCG Testing Method	44.52
Loss on Drying, %	≤ 6.0	GB 5009.3	3.21
Ash, %	≤ 5.0	GB 5009.4	0.27
<u>Heavy Metals</u>			
*Arsenic (As), mg/kg	≤ 1.0	GB 5009.268	Complies
*Lead (Pb), mg/kg	≤ 1.0	GB 5009.268	Complies
*Cadmium (Cd), mg/kg	≤ 0.3	GB 5009.268	Complies
*Mercury (Hg), mg/kg	≤ 0.1	GB 5009.268	Complies
<u>Microbiological Control</u>			
Total Aerobic Plate Count, cfu/g	≤ 1,000	GB 4789.2	<10
Yeast & Mold, cfu/g	≤ 100	GB 4789.15	<10
Coliforms, cfu/g	≤ 10	GB 4789.3	<10
*Escherichia Coli, 25g	Negative	GB 4789.38	Complies
*Staphylococcus Aureus, 25g	Negative	GB 4789.10	Complies
*Salmonella, 25g	Negative	GB 4789.4	Complies
<u>Note:</u> The item marked with * is tested at a set frequency based on risk assessment. Layn Internal Standard: Green Tea Extract Quality Standard GB: Chinese National Standard			



Reviewed by: Wu Nianrong (QC Manager)

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