

Certificate of analysis

Product Name	Green Tea Extract	Batch No.	QY-LCG20201031
Botanical Source	<i>Gamellia sinensis O.ktze</i>	Manufacturing Date	2020-10-31
Plant Part	Leaves	Expiration Date	2023-10-30

Item	Specification	Result	Method
Assay	TP 98%	98.13%	UV
	Catechins 70%	70.70%	HPLC
	EGCG 55%	55.48%	
	Caffeine 5%	Conforms	
Physical & Chemical Data			
Appearance	Light Brown Yellow Fine Powder	Conforms	Organoleptic
Odor & Taste	Characteristic	Conforms	
Analytical Quality			
Identification		Identical	TLC
Sieve	NLT 95% Through 80 mesh	Conforms	Mesh Screen
Extract Solvent	Ethanol & Water	Conforms	
Loss on Drying	≤5.0%	0.92%	CP2015
Ash	≤5.0%	1.28%	CP2015
Bulk Density	0.30~0.70g/ml	Conforms	CP2015
DER	45:1	Conforms	
Benzo(a)pyrene	≤ 10 µg/kg	Conforms	
Sum PAH 4 Benzo(a)pyrene, Benzo(a)anthracene, Benzo(b)fluoranthene, Chrysene	≤ 50 µg/kg	Conforms	
Pesticide Residue			
BHC	≤0.2ppm	Conforms	GC-MASS
DDT	≤0.2ppm	Conforms	GC-MASS
PCNB	≤0.1ppm	Conforms	GC-MASS
Total Heavy Metals	≤10ppm	Conforms	Colorimetry
Arsenic(As)	≤2ppm	Conforms	AAS
Lead(Pb)	≤2ppm	Conforms	AAS
Mercury(Hg)	≤0.1ppm	Conforms	AAS
Cadmium(Cd)	≤1ppm	Conforms	AAS
Microbiological Tests			
Total Plate Count	≤10000cfu/g	Conforms	CP2015
Yeast & Mold	≤300cfu/g	Conforms	CP2015
E.Coli	Negative	Negative	CP2015
Salmonella	Negative	Negative	CP2015

Storage
Shelf Life
Package
Tested by:

Cool & dry place. Do not freeze. Keep away from strong light and heat.
36 months under the conditions above and in its original packaging.
In double sealed PP bags, 10/25kgs Drum.
Mr. Chen Date: 2020-11-04

Staphylococcus	Negative	Negative	CP2015
Conclusion	Conform with specification		