

SHAANXI YOUGU BIOTECHNOLOGY CO., LTD

CERTIFICATE OF ANALYSIS

Product Name: Guarana extract	Date Test: April.16,2019	Mfg Date: April.15,2019	
Botanical Name: <i>Paullina Cupana</i>	Plant part: Seed	Exp. date: April.14,2021	
Batch No.: 19041501	Weight: 300 kg	Origin: China	
ITEMS	SPECIFICATIONS	RESULTS	METHOD/STANDARD
DESCRIPTION			
Characters	Powder	Qualified	Organoleptic
Color	Light yellow	Qualified	Organoleptic
Odor & Taste	Characteristic	Qualified	Organoleptic
Solvents used	Water	Qualified	--
Solubility	Soluble in water	Qualified	0.5g/100mL
Moisture	≤5.0%	2.45%	GB5009.3
Ash	≤5.0%	1.02%	GB5009.4
Particle size	≥98% pass 80 mesh	Qualified	Mesh 80
Identification:		Positive(+)	By HPLC/TLC
Assay	Caffeine ≥10.0%	10.10%	GB5009.86
Heavy Metals	≤10ppm	Qualified	CP2010
Pb	≤1ppm	Qualified	GB/T 5009.12
As	≤1ppm	Qualified	GB/T 5009.11
Microbiological			
Total Plate Count	1000cfu/g Max	<10cfu/g	GB/T 4789.2
Yeast& Mold	100cfu/g Max	<10cfu/g	GB/T 4789.15
E.Coli colonies/g	Negative(-)	Negative	GB/T 4789.3
Samonella colonies/g	Negative(-)	Negative	GB/T 4789.4
General Status			
GMO Free	None	Qualified	--
Non-Irradiation	None	Qualified	--

Conclusion: Confirm to Specification

Packing: Packed in paper-drums and two plastic-bags inside N.W: 25kgs. I.D. 35 x H51cm

Storage: Cool&dry place. Do not freeze. Keep away from strong light and heat

Shelf life: 2 Years under the conditions above and in its original packaging.

QC MANAGER: Jianyuan Cai

APPROVER: Huiling Jiao

ANALYST: Yanping Xiao

