



SHEERHERB

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XI'AN SHEERHERB BIOLOGICAL TECHNOLOGY CO.,LTD

Certificate of Analysis

Product Name	Guarana Extract	Botanical Source	Paullinia cupana
Specification	22%	Part of used	Seed
Batch No.	210703	Manufacture Date	July.03.2021
Report Date	2021.07.18	Expiry Date	July.02.2024

ITEM	SPECIFICATION	METHOD	TEST RESULT
Physical&Chemical Data			
Color	Brownish	Organoleptic	Qualified
Ordour	Characteristic	Organoleptic	Qualified
Appearance	Fine powder	Organoleptic	Qualified
Analytical Quality			
Identification	Identical to R.5. sample	HPTLC	Identical
Assay	>10%	Hplc	10.23%
Loss on Drying	5.0% Max	Eur.ph.7.0	4.23%
Total Ash	5.0% Max	Eur.ph.7.0	1.59%
Sieve	NLT 90% pass 60 mesh	Eur.ph.7.0	Qualified
Loose Density	20~60 g/100ml	Eur.ph.7.0	53.38g/100ml
Tap Density	30~80 g/100ml	Eur.ph.7.0	72.38g/100ml
Solvents Residue	NMT 5%	Eur.ph.7.0	Qualified
Heavy Metals			
Total Heavy Metals	10.0ppm Max.	ICP-MS	1.421g/kg
Lead(ph)	2.0ppm Max.	ICP-MS	0.065g/kg
Arsenic (As)	1.0ppm Max.	ICP-MS	0.007g/kg
Cadmiun(Cd)	1.0ppm Max.	ICP-MS	0.006g/kg
Mercury(Hg)	0.5ppm Max.	ICP-MS	0.028g/kg
Microbe Tests			
Total plate count	NMT 1000cfu/g	AOAC	Qualified
Total Yeast & Mold	NMT 100cfu/g	AOAC	Qualified
E.Coli	Negative	AOAC	Negative
Salmonella	Negative	AOAC	Negative
General Information			
Packing	Sealed export grade drum & double of sealed plastic bag.		
Conclusion	Product Conforms to Specifications		
Storage	Store in cool and dry place, keep away from strong light and heat.		

Analyst: David Yan

Approved: Li Yu

