## XI'AN AOGU BIOTECH CO..LTD

WhatsApp | +86 18091843361

**Tel number** | 0086-29-89121514

Web | www.aogubio.com

Email | info@imaherb.com

Address | Rm 606, B3, Jinye Times, Jinye Road, Yanta District, Xi'an China 710065



## **CERTIFICATE OF ANALYSIS**

<b>Product Name</b>	Guarana Extract		
<b>Genus and Species</b>	Paullinin Cupana H.B.K.		
Part of the Plant	Seeds		
<b>Country of Origin</b>	Brazil		
Batch Number	20220326	Manufacture Date	20220326
Report Date	20220326	<b>Expiry Date</b>	20240325

Item	Specification	Result	Method		
Marker Compounds					
Caffeine	≥ 20%	20.16%	HPLC		
Organoleptic Data					
Appearance	Powder	Conform	NLS-QCS-1008		
Color	Brown	Conform	GB/T 5492-2008		
Odor	Characteristic	Conform	GB/T 5492-2008		
Taste	Characteristic	Conform	GB/T 5492-2008		
Physical Characteristics					
Solubility	Soluble in Ethanol and water and insoluble in Benzene	Conform	Visual		
Particle Size (80 mesh)	>95.0%	Conform	GB/T 5507-2008		
Moisture	<5.0%	2.1%	GB/T 14769-1993		
Ash Content	<3.0%	1.3%	AOAC 942.05, 18th		
Solvent Residue	None	Conform	NLS-QCS-1007		
Heavy Metals					
Total Heavy Metals	<10 ppm	Conform	USP <231>, method II		
Arsenic	<1.0 ppm	Conform	AOAC 986.15, 18th		
Lead	<1.0 ppm	Conform	AOAC 986.15, 18th		
Mercury	<0.5 ppm	Conform	AOAC 971.21, 18th		
	Microbio	logy			
<b>Total Plate Count</b>	<1,000cfu/g	65cfu/g	AOAC 990.12, 18th		
Total Yeast & Mold	<100cfu/g	12cfu/g	FDA (BAM) Chapter 18, 8th Ed.		
E. Coli	Negative	Negative	AOAC 997.11, 18th		
Salmonella	Negative	Negative	FDA (BAM) Chapter 5, 8th Ed.		

Storage: Store in tight, light-resistant containers, avoid exposure to direct surlight, moustore and excessive

heat.

**Shelf Life:** 24 months if store under the conditions above and stay in original packaging.