



General Information

Lot Number : CSS1102
Botanical Species : *Cola sp.*
Country of Origin : Ivory Coast
Solvent : None
Part Used : Seeds
Carrier Used : None

<u>Physical & Chemical</u>			
Item	Specification	Test Results	Method
Appearance	Brown fine powder	Conforms	Visual
Particle Size	NLT 100% Through 80 mesh	Conforms	80 Mesh Screen
Loss on Drying	NMT 10.0%(USP)	8.60%	5g/105°C/2hrs
Bulk Density	Between (g/100ml) 40-60	Conforms	@ 300 Taps

<u>Contaminants</u>			
Item	Specification	Test Results	Method
Lead (Pb)	NMT 3 ppm	0.510 ppm	ICP/MS
Arsenic (As)	NMT 1 ppm	0.080 ppm	ICP/MS
Cadmium (Cd)	NMT 1 ppm	0.005 ppm	ICP/MS
Mercury (Hg)	NMT 0.5 ppm	0.05 ppm	ICP/MS

Microbiological			
Item	Specification	Test Results	Method
Total Plate Count	NMT 500,000cfu/g	Conforms	USP
Yeast & Mold	NMT 1000cfu/g	<10 cfu/g	USP
E. Coli.	Negative	Conforms	AOAC
Salmonella	Negative	Conforms	USP
Staphylococcus Aureus	Negative	Conforms	USP

Note:	This is a natural product, variances may be found that are due to the growing and drying conditions, age, season, harvest time, geographic location, production process, etc.
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