

GUARANA EXTRACT 12%

Paullinia cupana

CERTIFICATE OF ANALYSIS

Ref. 410044 - Batch 0805519

	Methods	Specifications	Results
● MAIN CHARACTERISTICS			
Appearance	Bio Serae	free flowing powder	complies
Color	Bio Serae	light brown	complies
Carrier	Bio Serae	maltodextrin	complies
Nature	Bio Serae	alcoholic (30%) extract from seeds	complies
Odor	Bio Serae	slight	complies
Taste	Bio Serae	bitter	complies
● ACTIVE INGREDIENTS			
Caffeine (%/RM)	HPLC - UV	≥ 12	12,7
● MICROBIOLOGICAL			
Escherichia coli (CFU/10g)	Eur. Ph. 2000 [§2.6.13]	negative	negative
Total plate count (CFU/g)	NF ISO 4833	< 5 000	< 10
Yeasts and moulds (CFU/g)	AOAC 997.02	< 100	< 10
Salmonella (CFU/25g)	AES 10/04-05/04	negative	negative
Staphylococcus aureus (DNAse +) (CFU/10g)	Eur. Ph. 2000 [§2.6.13]	negative	negative
● OTHER ANALYTICAL DATA			
Ashes (%/RM)	JORF (8 sept. 77)	< 2	0,49
Bulk density	Eur. Ph.1997 (§ 2.9.15)	> 0,30	0,66
Dry matter (%)	Eur.Ph.1997(§2.2.32 - 105°C)	> 90	95,3
Water solubility (10g/L)	NF EN 872 - GFC adapted	soluble	complies
● CONTAMINANTS			
Cadmium (ppm)	Mineralization + ICP-MS	< 0,5	< 0,002
Heavy metals (lead eq.) (ppm)	Eur. Ph. 2000 [§2,4,8D]	< 15	< 10
GMO status	1829-1830/2003CE	Conventional ingredient	complies
Lead (ppm)	Mineralization + ICP-MS	< 1	< 0,03
● STORAGE			
24 months If kept in a dry and cool place in original intact packing			
Manufacturing / analysis date :	04 / 2008		
Best before :	04 / 2010		

The information here above is based on our current knowledge. BIO SERAE cannot be hold responsible besides the guarantees written on its supply contracts, based on the fact that it does not control the final use of this product. It is the buyer's responsibility to comply with local texts and laws regulating its activity and the use of this product.

CFU = Colony-Forming Unit
DM = Dry Matter
RM = Raw Matter

Bram, 02-sept-08

Qualified batch

Mr. Murat
Quality Control Department

