
Certificate of Analysis

(Representative Sample Certificate)

Product Name: Paullinia Cupana Seed Extract
INCI Name: Maltodextrin, Paullinia Cupana (guarana) seed extract, caffeine, carnitine, microcrystalline cellulose, cysteic acid, calcium pantetheine sulfonate
CAS Number: 9050-36-6, 84929-28-2, 58-08-2, 541-15-1, 9004-34-6, 23537-25-9, 34644-00-3
Lot Number: Not available (data may vary slightly with different lots or batches)
Expiration Date: 36 months from production date

Property	Specification	Analysis
Appearance (Internal method) (Visual)	Fine, beige, light brown or roseate appearing powder	Pass
Loss on Drying (EP 2.2.32 Evaporation, gravimetric)	≤5%	2%
Nitrogen, Total (EP 2.5.9 Potentiometric titration (Kjeldahl))	7.1-8.6% (calculated on dry basis)	7.6%
pH of the 5% aqueous suspension (EP 2.2.3 Potentiometric)	5.0-6.0	5.42
Particle Size: >500 µm (EP2.9.38 Sieve analysis)	≤10%	Pass
Particle Size: 125-500 µm (EP 2.9.38)	70-95%	Pass
Total Aerobic Mesophile Plate Count (EP 2.6.12 Pour plate method)	<100 CFU/g	Pass
Specified Microorganisms (Colipa "Guideline on Microbial Quality Management")	Not detectable in 1g	Pass

"Certified in compliance with the terms of the US-Canada Organic Equivalency Arrangement. The above data was obtained using the test indicated and is subject to the deviation inherent in the test method. Results may vary under other test methods or conditions." This report is not to be signed. All data are as per our supplier.

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