

Certificate of Analysis

(Representative Sample Certificate)

Product Name: Paullinia Cupana Seed Extract
INCI Name: Maltodextrin, Paullinia Cupana 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 (Method ref.: Internal method) (Visual)	Fine, beige, light brown or roseate powder	Pass
Loss on Drying (Method ref.: EP 2.2.32) (Evaporation, gravimetric)	≤5%	2%
Nitrogen, total (Method ref.: EP 2.5.9) (Potentiometric titration (Kjeldahl))	7.1-8.6% (calculated on dry basis)	7.5%
pH (Method ref.: EP 2.2.3) (Potentiometric)	5.0-6.0	5.6
Particle Size: >500 µm (Method ref.: Internal method (EP 2.9.36) (Sieve analysis))	≤10%	Pass
Particle Size: 125-500 µm (Method ref.: Internal method (EP 2.9.36) (Sieve analysis))	70-95%	Pass
Total Aerobic Mesophile Plate Count (Method ref.: EP 2.6.12) (Pour plate method)	<100 CFU/g	Pass
Specified Microorganisms (Method ref.: Colipa "Guideline on Microbial Quality Management")	Not detectable in 1g	Pass

The above data were 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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