

COCREATE GLOBAL TECHNOLOGIES PRIVATE LIMITED**U21009KA2023PTC179006****Registered address:** FFK Towers, #445, 2nd Floor, 17th Cross Road, Sector 4,
HSR Layout, Bangalore, Bangalore South, Karnataka - 560102, India.**Email:** info@scimplify.com**Website:** www.scimplify.com**CERTIFICATE OF ANALYSIS**

Material/Product Name	Natural Caffeine		
Batch Number	SCI/NC/092501	Quantity	100 Kg
Mfg. Date	Sep - 2025	Exp. Date	Aug - 2028

S. No.	Test Parameter	Specification	Result
1.	Appearance	A Pure White Powder	Complies
2.	Odor	Characteristic	No Characteristic odor
3.	Taste	Bitter	Complies
4.	Loss of drying 105°at 2hrs	NMT 1.0%	0.12%
5.	Total Ash 650°c at 3hrs	NMT 0.1%	Complies
6.	pH (1% Solution)	4.5 to 6.5	5.2
7.	Identification	Positive for Caffeine by HPLC	Complies
8.	Solubility	Sparingly soluble in water, freely soluble in boiling water slightly soluble in ethanol and ether	Complies
9.	Bulk Density untapped	NLT 0.40g/ml	0.44g/ml
10.	Bulk Density tapped	NLT 0.50g/ml	0.55g/ml
11.	Particle Size	NLT 80% passing through 60 Mesh	Complies
12.	Caffeine by HPLC	NLT 95.00%	95.20%
13.	Residual Solvents	Ethanol & Ethyl acetate NMT 50ppm / Chloroform or MDC & other solvents should be NIL	9.13 ppm / NIL
14.	Aerobic Plate Count	< 10000 CFU/g	Complies
15.	Yeast & Mold	< 10 CFU/g	Complies
16.	Total Coliforms	< 3 MPN/g	Complies
17.	E. coli	Negative / 25 g	Negative
18.	Salmonella	Negative / 25 g	Negative
19.	Staphylococcus aureus	Negative / 25 g	Negative

Remarks: The material complies with the above specification



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Name	Praveen Kumar J	Karthik V Suvarna	Prashant Mishra
Date	12/09/2025	12/09/2025	12/09/2025
Sign			