

PRODUCT SPECIFICATION

Product Name	Guarana Extract	Specification NO	NPC/SP/PC/114
Botanical Name	<i>Paullinia cupana</i>	Shelf Life	3 Years
Grade	20 %	Country of Origin	India

PARAMETERS	SPECIFICATION
PHYSICAL CHARACTERISTICS	
Description	Yellowish to light brown Coloured Powder
Odour	Characteristic
Identification	Match with the Standard
Loss on Drying (w/w)	NMT 5%
pH 1% w/v solution	3-7
Solubility in Water	NLT 80.0%
Bulk Density: Untapped Tapped	NLT 0.30 Gm/ml NLT 0.40 Gm/ml
Sieve Test	100% passes Through 40#
CHEMICAL PARAMETERS	
Assay as Caffeine by(HPLC)	NLT 20% w/w
Heavy Metals	
Arsenic	NMT 1 PPM
Cadmium	NMT 1 PPM
Lead	NMT 3 PPM
Mercury	NMT 0.1 PPM
MICROBIOLOGICAL AND PATHOGEN ANALYSIS	
Standard Plate Count	NMT 1000 cfu/gm
Yeast & Molds	NMT 100 cfu/gm
Escherichia coli	Absent
Salmonella	Absent
Pseudomonas Aeruginosa	Absent
Staphylococcus aureus	Absent

LEGEND: D.P –Dry Powder, NMT- Not More Than, NLT- Not Less then, cfu/gm- Colony Forming Unit/gram.

PREPARED BY	REVIEWED BY	APPROVED BY
Q.C Executive	Q.C Executive	Q.A Manager
		

NECTAR PHYTOCHEMS PVT. LTD.

Corp. Office : 167, 6th Floor, Tower-A, The Corenthum, A-41, Sector-62, Noida-201301
 Works : Village-Jhandi Chaur (West), Kotdwar, Uttarakhand, Contact : +91-0120-4504243
 E-mail : md@nectarphyto.com, sales@nectarphyto.com
 Website : www.nectarphyto.com, www.nectarbio.com

AN ISO 9001 : 2015 CERTIFIED COMPANY

