

PRODUCT SPECIFICATION

Product Name	Cocoa Bean Extract	Specification NO	NPC/SP/TC/005
Botanical Name	<i>Theobroma cacao</i>	Shelf Life	3 Years
Grade	45%	Country of Origin	India

PARAMETERS	SPECIFICATION	Results
PHYSICAL CHARACTERISTICS		
Description	Brown to greenish brown colored powder	
Identification by TLC	TLC Fingerprint of sample match with the Standard	
Loss on Drying (w/w)	NMT 5%	
Bulk Density	0.30g/ml -1.0 g/ml	
Sieve Test	100% passes Through 40#	
Assay		
Flavanols	NLT 45%	
Heavy Metals		
Arsenic	NMT 10 PPM	
Lead	NMT 1 PPM	
Mercury	NMT 3 PPM	
Cadmium	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 Then, NLT- Not Less then, cfu/gm- Colony Forming Unit/gram.

ANALYZED BY	REVIEWED BY	APPROVED BY
Q.C Executive	Q.C Manager	Q.A manager
		

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