

**BOTANICAL INFORMATION: SPECIFICATION SHEET
COCOA EXTRACT OR (OLEORESIN)**



BOTANICAL NAME : Theobroma cacao
 PLANT PART USED : Pods / Husk
 APPEARANCE : Brown paste / thick liquid
 SOLVENT : Methanol
 CARRIER : Propylene Glycol
 PRESERVATIVES : NONE
 CERTIFICATIONS : NONE
 COUNTRY OF ORIGIN : India
 Harvest : Wild crafted
 HERB TO EXT RATIO : 10:1

BATCH NO: ASHT/CO D.O.M: January 2014 D.O.E: Feb 2016

PHYSICAL PROFILE	
Description	Dark brown paste
Aroma / Taste	Chocolaty / Caramel

SOLUBILITY		
	SPECIFICATION	RESULTS
Alcohol / ASE 50	NLT 75%	Complies
Water	Total Soluble	Complies
Propylene Glycol	Total Soluble	Complies

PRODUCT PROFILE		
Total Solids	NLT 60 - 75%	66.4%
PH in 1% solution	4.5-6.5	5.3%

ASSAY		
Theobromine	>1.0%	1.8%

MICROBIOLOGICAL PROFILE		
Total Plate Aerobic Plate Count	<10,000CFU/g	NOT DETECTED
Yeast & Mould	<1000cfu/g	NOT DETECTED
Total Coliforms	<10cfu/g	NIL
E.Coli	Negative in 10g	NOT DETECTED
Salmonella	Negative in 10g	NOT DETECTED

SUPPLEMENTAL INFORMATION		
Pesticide residue	Complies with USP	Complies
Arsenic (ICP – MS)	< 1.0ppm	Below Detection Limit (limit 0.01)
Cadmium (ICP-MS)	< 1.0 ppm	Below Detection Limit (limit 0.01)
Lead (ICP-MS)	< 3.0 ppm	Below Detection Limit (limit 0.01)
Mercury (ICP-MS)	< 0.1 ppm	Below Detection Limit (limit 0.01)

STORAGE CONDITIONS: Store in well-closed containers at room temperature. Protect from light, moisture and pest infestation.

QUALITY INCHARGE