



Caribbean Natural Products Inc.

Unique and Exotic Cosmetic Materials
for Hair, Skin, Body and Soul

Product Data Sheet

Trade Name: C-Cos
INCI Name: Emblica Officinalis(Amla) Extract
CAS Number(s): N/A
Description: This is an extract from fresh amla fruit. It is a rich source of vitamin C, minerals, amino acids and various phenolic compounds. Amla extract is known to exhibit potent antioxidant properties and to provide protection for human dermal fibroblasts against oxidative stress.

<i>Test</i>	<i>Method</i>	<i>Specification</i>
Colour and appearance		Off white to cream powder
Odour		Characteristic
Active ingredient		Polyphenols
Chemical Tests		
Polyphenol content	Titration	35% minimum
Emblicanin A content	HPLC	25% minimum (hydrolysable gallo ellagic tannins)
Ellagic acid (after hydrolysis)	HPLC	17% minimum
Vitamin C content		4.5% minimum
Free gallic acid content		Not more than 0.5%
Bulk Density (Tapped)		0.5-0.8 gm/ml
Moisture content		Below 5%
Solubility in water (2% solution)		Soluble completely
pH (1% solution)		2.5-4.5
Residual solvent		Nil
Heavy Metals		
Total Heavy Metals		Less than 10ppm
Lead		Less than 5 ppm
Microbiological Assays		
Total plate count (cfu/g)		500 maximum
Yeast and Mold (cfu/g)		50 maximum

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