



Caribbean Natural Products Inc.

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

Product Data Sheet

Trade Name: Urucum Oil
INCI Name: Bixa Orellana Seed Oil
CAS Number(s): 1393-63-1
Description: Best known for its use as a colorant (annatto), the copper colored fruit of the Brazilian Urucum tree produces bright red seeds rich in beta-carotene, essential oils, anti-oxidants.

<i>Test</i>	<i>Specification</i>
Appearance	Transparent oil
Color	Slightly Red-Orange
Odor	Characteristic
Free Fatty Acid (%Oleic Acid)	Max. 3.00
Peroxide Index (meq O ₂ / Kg)	Max. 13.00
Volatile Material (%)	0,05 – 0,15
Insoluble Impurities (%)	Max. 0.5
Tocopherols/Tocotrienols (mg/100g)	15.5 – 23.5
pH	5.0 – 5.4
Iodine Index (gI ₂ / 100g)	90 – 120
Density (g/mL) – 25 °C	0.900 – 0.950
Saponification Index (mg KOH/g)	160 – 215
Index of Refraction (40°C)	1.469

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