



# 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 <sub>2</sub> / 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 <sub>2</sub> / 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

Caribbean Natural Products Inc. believes the information contained on this sheet to be correct. Caribbean Natural Products Inc. will not assume liability for any of the possible consequences for the use or misuse of any of the products described within. Information is supplied upon the condition that the persons receiving same will make their own determination as to its suitability for their purposes prior to use.

**26 Commerce Road, Unit P, Fairfield, NJ 07004**  
**Tel: 973-882-5115 Fax: 973-882-5113**  
**[www.caribnaturalproducts.com](http://www.caribnaturalproducts.com)**