

TECHNICAL DATA SHEET

RODA Omega Oil

Product name: Sacha Inchi Extra Virgen Oil (*Plukenetia volubilis L.*)

ANALYSIS	SPECIFICATION	METHOD				
Acid value	< 2.0 mg KOH/g	AOAC 1990 940.28				
Peroxide value	< 10.0 meq O ₂ /Kg	AOAC 1990 965.33				
Saponification value	192.0 – 197.0	AOCS Cd 3-25				
Iodine value	183.0-199.0	AOCS 1d-92				
Unsaponifiable matter	< 2.0%	AOCS Ca 6b-53				
Moisture and volatile matter	< 0.2% m/m	ISO 662-1998				
Insoluble impurities	< 0.02%	ISO 663-2007				
Density (20°C)	0.9260-0.9285 g/ml	ISO 6883-2007				
Refraction value (20°C)	1.478-1.481	AOCS Cc 7-25				
Lead	< 0.1 ppm	Atomic Absorption Spectrometry (ISO 8294)				
Arsenic	< 0.1 ppm					
Cooper	< 0.4 ppm					
Iron	< 5 ppm					
Mercury	< 0.05 ppm					
<u>Fatty acids composition</u>		ISO 5508-1990, ISO 5509-2000				
Palmitic acid C16:0	4.00 ± 1.00 %					
Stearic acid C18:0	2.50 ± 1.00 %					
Oleic acid w9 C18:1	9.00 ± 2.00 %					
Linoleic acid w6 C18:2	34.00 ± 2.00 %					
Linolenic acid w3 C18:3	48.00 ± 3.50 %					
Others	< 1.5 %					
<p>■ Normative reference NTP 151.400 (1st edition 2009). Sacha Inchi Oil. Requirements. CODEX STAN 19-1981 (Rev. 2-199). Fats and oils not covered by Individual Standards.</p>						
<p>■ Distribution</p> <table border="1" style="margin-left: 20px;"> <tr> <td>Drum:</td> <td>20Lt, 208Lt</td> </tr> <tr> <td>Bottle:</td> <td>250ml</td> </tr> </table>			Drum:	20Lt, 208Lt	Bottle:	250ml
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Bottle:	250ml					
<p>■ Storage conditions Keep in a dry and fresh place under 30°C and away from sunlight.</p>						
<p>■ Shelf life 18 months under good conditions without opening.</p>						