



**CERTIFICATION OF ANALYSIS
VIRGIN ANDIROBA OIL**

Scientific name: <i>Carapas guianensis</i>	Batch number: 4295006
Source of raw material: Amazonian Rainforest / Brazil	
Part used of the plant: seed	Shelf life: 24 months
Production process: cold extraction	
Preservatives: absent	
Solvent extraction: absent	
Origin of the vegetable drugs: wild crafted	

ITEM	UNIT	SPECIFICATION RANGE	TEST METHOD	ANALYTICAL RESULTS
PHYSICAL CHEMISTRY				
Appearance (25° C)	----	liquid	Visual	In accordance
Color	----	Yellow light to brown	AOCS 1a 64 - 82	In accordance
Acid value	% weight	< 30	AOCS CD3D-63	9,9
Peroxide value	10 meq O ₂ /kg	< 10	AOCS CD8 – 53	6,6
Iodine value	gI ₂ /100g	65 - 75	AOCS TG2A – 64	72
Saponification value	mgKOH/g	190 - 200	AOCS CD3 - 25	198
Unsaponifiable matter	%	3 - 5	AOCS CA 6A - 40	In accordance
Melting point	°C	22,0	AOCS CJ 1 -94	In accordance
MICROBIOLOGY				
Total bacteria	ufc/mL	<100	NF ISO 4833	Absent
Fungi and Yeasts	ufc/mL	<100	NF V 08-036	Absent
RESULTS: (X) APPROVED () DISAPPROVED				

SAFETY HEALTH: product harmless, for cosmetic use only. Not suitable for human consumption.

STORAGE: should be stored tightly sealed, protected from light and heat.

FATTY ACID COMPOSITION		
Palmitic Acid	% weight	25 – 32
Palmiotoleic Acid	% weight	0,8 – 1,5
Estearic Acid	% weight	6 – 13
Oleic Acid	% weight	45 – 58
Linoleic Acid	% weight	6 – 14
Saturated	%	40
Unsaturated	%	60