

AKÖMA™

FROM THE HEART

CERTIFICATE OF ANALYSIS ANDIROBA OIL, COLD PRESSED

DESCRIPTION

Product: Andiroba Oil, Cold Pressed
INCI Name: Carapa Guaianensis (Andiroba) Seed Oil
EINECS Number: 284-877-7
CAS Number : 223748-14-9
Manufacturing Method : Cold Pressed

CHARACTERISTICS

Analytical Details	Range %	Results
Appearance	Oily Liquid	Conforms
Odour	Characteristic	Conforms
Colour	Yellow – Light Brown	Conforms
Refractive Index @ 20°C	1.400 – 1.500	1.450
Specific Gravity @ 20°C	0.900 – 0.950	0.925
Peroxide Value (meq o2/ kg)	<40.0	4.15
Iodine Value	80.0 – 150.0	80.0
Acid Value	<50.0	29.7
Saponification Value (mg koh/gr)	160.0 – 260.0	198.2

FATTY ACID PROFILE		Range %	Results
C-CHAIN	ACID NAME		
C14:0	Myristic	0.2 – 0.4	-
C16:0	Palmitic	25.2 – 29.0	26.2

C18:0	Stearic	7.2 – 9.5	8.2
C18:1	Oleic	47.1 – 55.5	51.5
C18:2	Linoleic	7.9 – 12.2	10.2
C18:3	Linolenic	0.1 – 1.4	0.8
C20:0	Arachidic	0.1 – 1.4	0.8
C22:0	Behenic	0.01 – 0.4	-

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Andiroba Oil, Cold Pressed - COA