

# 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	-
Odour	Characteristic	-
Colour	Yellow – Light Brown	-
Refractive Index @ 20°C	1.400 – 1.500	-
Specific Gravity @ 20°C	0.900 – 0.950	-
Peroxide Value (meq o2/ kg)	<40.0	3.3
Iodine Value	80.0 – 150.0	80.0
Acid Value	<50.0	25.0
Saponification Value (mg koh/gr)	160.0 – 260.0	198.0

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

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

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AKÖMA<sup>TM</sup>  
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**Akoma International (UK) LTD**

Unit 9A Sawley Park

Nottingham Road

Derby

DE21 6AS

Tel: +44 (0) 1332 613 967

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E-mail: [support@akoma.zendesk.com](mailto:support@akoma.zendesk.com)

*Andiroba Oil, Cold Pressed - COA*