

AKÖMA™

FROM THE HEART

CERTIFICATE OF ANALYSIS MARULA OIL, UNREFINED, COLD PRESSED, VIRGIN (FAIRLY TRADED)

DESCRIPTION

Product: Marula Oil, Unrefined, Cold Pressed, Virgin (Fairly Traded)

INCI Name: Sclerocarya birrea seed oil

CHARACTERISTICS

Characteristic	Unit	Specification	Result
Appearance		Light yellow oil	Complies
Odor		Slightly nutty	Complies
Physical / Chemical Parameters			
Free Fatty Acid	%	<5	1.82
Specific gravity at 20°C		0,91-0,93	
Iodine Index	g I ₂ / 100g	60-80	77.15
Peroxide value	meq O ₂ actif / kg fat	<10	0.24
Saponification value	mg KOH/g OS	185-200	189.6
Fatty acid composition			
Palmitic acid (C16:0)	% by weight tFA	9-16	9.8
Stearic acid (C18:0)	% by weight tFA	5-11	7.18
Oleic acid (C18:1)	% by weight tFA	65-80	74.1
Linoleic acid (C18:2)	% by weight tFA	4-15	7.44
Arachidic acid (C20:0)	% by weight tFA	<4	0.62

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