

Certificate of Analysis

Name product ARGAN OIL COSMETIC

Lot N° 01 _ 21

Technical Characteristics:

QUALITY CRITERIA				
CRITERIA	Units	Norms	Method of analysis	Values
Acidity	% oleic acid	PNM 08.5.090	NF EN ISO 660	< 2.5
The Peroxide index	meq O2 active per Kg	PNM 08.5.090	ISO 3960	1 20
Absorbance at ultra violet at 270 nm	K 1% 1 cm	PNM 08.5.090	NF EN ISO 3656	< 0.45
The water and volatile matter content	% m/m	PNM 08.5.090	NF EN ISO 602	< 0.2
PURITY CRITERIA				
CRITERIA	Units	Norms	Method of analysis	Values
Composition of fatty acids				
Myristic acid (C 14 : 0)	% m/m	PNM 08.5.090	NF EN ISO 5509 NF EN ISO 5508	< 0.2
Pentadecanoic acid (C 15 : 0)				< 0.1
Palmitic acid (C 16 : 0)				11,5 - 15.0
Palmitoleic acid (C 16 : 1)				< 0.2
Heptadecanoic acid (C 17 : 0)				traces
Stearic acid (C 18 : 0)				4,3 - 7.2
Oleic acid (C 18 : 1)				43,0 - 49.1
Linoleic acid (C 18 : 2)				29,3 - 36.0
Linolenic acid (C 18 : 3)				< 0.3
Arachidic acid (C 20 : 0)				< 0.5
Gadoleic acid (C 20 : 1)				< 0.5
Behenic acid (C 22 : 0)				< 0.2
Schottenol				
Sterol Composition				
Spinasterol				34,0 - 44.0
Delta-7-avenasterol		PNM 08.5.090		4,0 7.0
Stigmasta-8-22-dién-3-of				3,2 - 5,7
Campesterol				< 0.4

Established by:

MME HAMID (CQ)

Reviewed and approved by :

Mr RACHID (RQ)