

AKÖMA™

FROM THE HEART

CERTIFICATE OF ANALYSIS PAPAYA SEED OIL

DESCRIPTION

Product: Papaya Seed Oil, Refined
INCI Name: Carica Papaya Seed Oil
CAS No: 84012-30-6
EINECS No: 281-675-0
Manufacturing Method: Expeller expressed and refined

CHARACTERISTICS

ANALYTICAL DETAILS	RANGE %	RESULTS
Apperance	Oily Liquid	-
Colour	Light Yellow - Green	-
Colour (Lovibond)	<50Y, 5.0R	18/1.5
Odour	Odourless	-
Relative Density @ 20°C	0.915 – 0.940	0.921
Saponification Value	180.0 – 200.0	192
Unsaponifiable Matter	<1.5	0.5
Free Fatty Acid (% As oleic)	<0.4	0.1
Peroxide Value	<5.0	1,2
Iodine Value	75-85	81

ANALYTICAL DETAILS		RANGE %	RESULTS
C-CHAIN	ACID NAME		
C12:0	LAURIC	<0.1	0.1
C14:0	MYRISTIC	<0.2	0.2
C16:0	PALMITIC	14.0 – 16.0	14.7
C16:1	PALMITOLEIC	<1.0	0.2
C18:0	STEARIC	2.0 – 5.0	3.1
C18:1	OLEIC	68.0 – 77.0	71.1
C18:2	LINOLEIC	5.0-12.0	9.3
C18:3	ALPHA LINOLENIC	<0.5	0.1
C20:0	ICOSANOIC	<1.0	0.2
C20:1	EICOSENOIC	<1.0	0.2

C22:0	DOCOSANOIC	<1.0	0.4
C24:0	TETRACOSANOIC	<0.5	0.1

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