

# AKÖMA™

## FROM THE HEART

### CERTIFICATE OF ANALYSIS PAPAYA SEED OIL

#### DESCRIPTION

**Description:** Papaya Seed Oil, Refined  
**Inci Name:** Carica Papaya Seed Oil  
**Cas No:** 84012-30-6  
**Einecs No:** 281-675-0

#### CHARACTERISTICS

Analytical Details	Range %	Results
Appearance	Oily Liquid	Conforms
Colour	Light Yellow - Green	Conforms
Colour (Lovibond)	<50y, 5.0r	25.0y/1.5r
Odour	Odourless	Conforms
Relative Density @ 20°C	0.915 – 0.940	0.916
Saponification Value	180.0 – 200.0	191
Unsaponifiable Matter	<1.5	0.6
Free Fatty Acid (% As Oleic)	<0.4	0.1
Peroxide Value	<5.0	0.9
Iodine Value	75-85	82

FATTY ACID PROFILE		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	15.5
C16:1	Palmitoleic	<1.0	0.2
C18:0	Stearic	2.0 – 5.0	3.1
C18:1	Oleic	68.0 – 77.0	68.1
C18:2	Linoleic	5.0-12.0	11.8
C18:3	Alpha Linolenic	<0.5	0.2
C20:0	Icosanoic	<1.0	0.2
C20:1	Eicosenoic	<1.0	0.2
C22:0	Docosanoic	<1.0	0.5

**Akoma International (UK) LTD**

Unit 9A Sawley Park  
Nottingham Road  
Derby  
DE21 6AS

Tel: +44 (0) 1332 613 967

E-mail: support@akoma.zendesk.com

C24:0	Tetracosanoic	<0.5	0.2
-------	---------------	------	-----

K0336  
Revised: 2021

AKÖMA™  
FROM THE HEART

**Akoma International (UK) LTD**

Unit 9A Sawley Park  
Nottingham Road  
Derby  
DE21 6AS

Tel: +44 (0) 1332 613 967

---

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