

AKÖMA™

FROM THE HEART

CERTIFICATE OF ANALYSIS CUCUMBER SEED OIL, COLD PRESSED

DESCRIPTION

Product Name: Cucumber Seed Oil, Cold Pressed
INCI Name: Cucumis Sativus
CAS No: 70955-25-8
EINECS No: 289-738-4
Manufacturing Method: Cold Pressed

CHARACTERISTICS

ANALYTICAL DETAILS	RANGE %
APPEARANCE	OILY LIQUID
ODOUR	CHARACTERISTIC
COLOUR	CLEAR - YELLOW – GOLDEN
REFRACTIVE INDEX @ 20°C	1.470 – 1.480
SPECIFIC GRAVITY @ 20°C	0.910- 0.931
PEROXIDE VALUE (MEQ O ₂ / KG)	<20.0
IODINE VALUE	110.0 - 140.0
FREE FATTY ACID	<2.5
SAPOFONICATION VALUE	180.0 – 190.0
ACID VALUE	<5.0

FATTY ACID PROFILE

C-CHAIN	ACID NAME	RANGE %
C14:0	MIRYSTIC	<0.2
C16:0	PALMITIC	7.0 – 14.0
C16:1	PALMITOLEIC	<1.0
C18:0	STEARIC	<5.0
C18:1	OLEIC	5.0 – 30.0
C18:2	LINOLEIC	50.0 – 75.0
C18:3	LINOLENIC	<2.0
C20:1	EICOSAENOIC	<0.1
C22:2	DOCOSADIENOIC	<0.2

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Cucumber Seed Oil, Cold Pressed - COA