

AKÖMA™

FROM THE HEART

CERTIFICATE OF ANALYSIS

HAZELNUT OIL, REFINED

DESCRIPTION

Description: Hazelnut Oil, Refined
Inci Name: Corylus Avellana Seed Oil
Cas Nos: 84012-21-5
Einecs No: 281-667-7
Manufacturing: Expeller Pressed & Refined

CHARACTERISTICS

ANALYTICAL DETAILS	RANGE %	RESULTS
APPEARANCE	CLEAR - LIGHT YELLOW OILY LIQUID	-
COLOUR LOVIBOND 5%	<25Y, <2.5R	10Y, 0.8R
ODOUR	ODOURLESS	-
SPECIFIC GRAVITY @ 20°C	0.910 – 0.930	0.919
REFRACTIVE INDEX @ 20°C	1.465 – 1.470	1.470
SAPONIFICATION VALUE	187 - 200	190.0
UNSATURATED MATTER	<1.0	0.5
FREE FATTY ACID (% AS OLEIC)	<0.2	0.1
PEROXIDE VALUE	<10.0	1.0
IODINE VALUE	83.0 – 90.0	86.0

FATTY ACID PROFILE		RANGE %	RESULTS
C-CHAIN	ACID NAME		
C16:0	PALMITIC	5.0 – 10.0	8.3
C16:1	PALMITOLEIC	<1.0	0.1
C18:0	STEARIC	2.0 - 6.0	2.9
C18:1	OLEIC	68.0 – 85.0	80.2
C18:2	LINOLEIC	7.0 – 15.0	7.3
C18:3	LINOLENIC	< 0.5	0.1
C20:0	ARACHIDIC	< 0.5	0.2
C20:1	EICOSANOIC	< 0.3	0.2

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Page 1 of 1

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Hazelnut Oil, Refined - COA