

AKÖMA™

FROM THE HEART

CERTIFICATE OF ANALYSIS WHEATGERM OIL (UNREFINED)

DESCRIPTION

Description: Wheatgerm Oil (Unrefined)
Inci Name: Triticum Vulgare Germ Oil
Cas Nos: 68917-73-7 / 84012-44-2
Einecs No: 281-689-7
Manufacturing Method: Unrefined

CHARACTERISTICS

ANALYTICAL DETAILS	RANGE %	RESULTS
APPEARANCE	OILY LIQUID	Conforms
COLOUR	YELLOW – BROWN	Conforms
ODOUR	ODOURLESS	Conforms
COLOUR (GARDNER)	>8.5	Conforms
FREE FATTY ACID (% AS OLEIC)	<25.0	14.08
PEROXIDE VALUE	<20.0	0.28
ACID VALUE	<42.0	28.02
SAPONIFICATION VALUE	180 - 195	Conforms

FATTY ACID PROFILE		RANGE %	RESULTS
C-CHAIN	ACID NAME		
C16:0	PALMITIC	11.0 – 19.0	16.9
C18:0	STEARIC	<2.0	0.6
C18:1	OLEIC	9.0 – 15.0	11.6
C18:2	LINOLEIC	54.0 – 60.0	59.3
C18:3	ALPHA LINOLENIC	6.0 – 10.0	8.2
C20:1	EICOSENOIC	<2.0	1.2

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Wheatgerm Oil (Unrefined) - COA