

AKÖMA™

FROM THE HEART

CERTIFICATE OF ANALYSIS BLACK CUMIN SEED OIL ORGANIC

DESCRIPTION

PRODUCT: BLACK CUMIN SEED OIL ORGANIC, COLD PRESSED
INCI NAME: NIGELLA SATIVA SEED OIL
CAS No: 90064-32-7
EINECS No: 290-094-1
MANUFACTURING METHOD: COLD PRESSED

CHARACTERISTICS

ANALYTICAL DETAILS	RANGE %	RESULT
APPEARANCE	OILY LIQUID	CONFORMS
ODOUR	SPICY CHARACTERISTIC	CONFORMS
COLOUR	YELLOW – ORANGE – DARK AMBER	CONFORMS
PEROXIDE VALUE (MEQ O ₂ / KG)	<70.0	58.0
SPECIFIC GRAVITY @ 20°C	0.910 – 0.935	0.920
ACID VALUE	<25.0	5.23
SAPONIFICATION VALUE	180.0 – 210.0	184.5

FATTY ACID PROFILE		RANGE %	RESULTS
C-CHAIN	ACID NAME		
C14:0	MYRISTIC	<1.0	0.2
C16:0	PALMITIC	8.0 – 15.0	12.2
C16:1	PALMITOLEIC	<1.0	0.2
C18:0	STEARIC	<5.0	3.1
C18:1	OLEIC	18.0 – 45.0	23.8
C18:2	LINOLEIC	50.0 – 65.0	56.6
C18:3	LINOLENIC	<4.0	0.2
C20:0	ARACHIDIC	<1.0	0.2
C20:1	EICOSENOIC	<1.0	0.4

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Black Cumin Seed Oil Organic - COA