

CERTIFICATE OF ANALYSIS

PRODUCT NAME: BLACK CUMIN SEED OIL, COLD PRESSED

LOT NUMBER: Q1214 (LOT0016575)

PRODUCT INCI: NIGELLA SATIVA SEED OIL

PRODUCT CODE: K0064

CAS NUMBER: 90064-32-7

EINECS NUMBER: 290-094-1

MANUFACTURING METHOD: COLD PRESSED

MANUFACTURING DATE: 29/09/22

BEST BEFORE DATE: 29/03/24

ANALYTICAL DETAILS	RANGE %	RESULTS
APPEARANCE	OILY LIQUID	-
ODOUR	SPICY CHARACTERISTIC	-
COLOUR	YELLOW – ORANGE	-
PEROXIDE VALUE (MEQ O ₂ / KG)	<20.0	3.5
SPECIFIC GRAVITY @ 20°C	0.915 – 0.930	0.920
ACID VALUE	<10.0	8.9
THYMOQUINONE (MG/MG)	MIN. 1.3	1.7

FATTY ACID PROFILE		RANGE %	RESULTS
C-CHAIN	ACID NAME		
C14:0	MYRISTIC	<1.0	0.2
C16:0	PALMITIC	5.0 – 15.0	11.8
C16:1	PALMITOLEIC	<1.0	0.2
C18:0	STEARIC	<7.0	3.1
C18:1	OLEIC	18.0 – 30.0	24.2
C18:2	LINOLEIC	45.0 – 65.0	56.6
C18:3	LINOLENIC	<4.0	0.2
C20:0	ARACHIDIC	<1.5	0.2

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