

CERTIFICATE OF ANALYSIS

PRODUCT NAME: POMEGRANATE SEED OIL, COLD PRESSED ORGANIC

LOT NUMBER: LOT0003763

PRODUCT INCI: PUNICA GRANATUM OIL

PRODUCT CODE: K0363

CAS NUMBER: 84961-57-9

EINECS NUMBER: 284-646-0

MANUFACTURING METHOD: COLD PRESSED

MANUFACTURING DATE: 31/07/2019

BEST BEFORE DATE: 31/05/2022

ANALYTICAL DETAILS		RANGE %	RESULTS
APPEARANCE		OILY LIQUID	-
ODOUR		CHARACTERISTIC	-
COLOUR		YELLOW - GOLDEN	-
REFRACTIVE INDEX @ 20°C		1.510 – 1.525	1.518
SPECIFIC GRAVITY @ 20°C		0.930 – 0.950	0.940
FREE FATTY ACID		<2.5	-
ACID VALUE		<5.0	1.5
PEROXIDE VALUE (MEQ O ₂ / KG)		<20.0	4.5
UNSATURATED MATTER		<2.5	-

FATTY ACID PROFILE		RANGE %	RESULTS
C-CHAIN	ACID NAME		
C16:0	PALMITIC	1.0 – 5.0	4.98
C18:0	STEARIC	2.0 – 10.0	3.0
C18:1	OLEIC	3.0 – 20.0	13.9
C18:2	LINOLEIC	3.0 – 10.0	10.0
C18:3	LINOLENIC	<5.0	-
C18:3	PUNICIC	60.0 – 85.0	60.0