

CERTIFICATE OF ANALYSIS

PRODUCT NAME: POMEGRANATE SEED OIL, COLD PRESSED ORGANIC

LOT NUMBER: LOT0001682

PRODUCT INCI: PUNICA GRANATUM OIL

PRODUCT CODE: K0363

CAS NUMBER: 84961-57-9

EINECS NUMBER: 284-646-0

MANUFACTURING METHOD: COLD PRESSED

MANUFACTURING DATE: 01/11/2018

BEST BEFORE DATE: 30/11/2019

ANALYTICAL DETAILS	RANGE %	RESULTS
APPEARANCE	OILY LIQUID	-
ODOUR	CHARACTERISTIC	-
COLOUR	YELLOW - GOLDEN	-
REFRACTIVE INDEX @ 20°C	1.510 – 1.525	1.522
SPECIFIC GRAVITY @ 20°C	0.930 – 0.950	0.940
FREE FATTY ACID	<2.5	1.27
ACID VALUE	<5.0	1.1
PEROXIDE VALUE (MEQ O ₂ / KG)	<20.0	5.5
UNSATURATED MATTER	<2.5	-

FATTY ACID PROFILE		RANGE %	RESULTS
C-CHAIN	ACID NAME		
C16:0	PALMITIC	1.0 – 5.0	2.3
C18:0	STEARIC	2.0 – 10.0	1.5
C18:1	OLEIC	3.0 – 20.0	3.9
C18:2	LINOLEIC	3.0 – 10.0	4.0
C18:3	LINOLENIC	60.0 - 85.0	84.4
C18:3	PUNICIC	60.0 – 85.0	69.2