



NHR ORGANIC OILS
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Certificate of Analysis Sheet
Organic Pomegranate Seed Oil
(Punica granatum)

BATCH NUMBER: 180523-4
PRODUCT INCI: PUNICA GRANATUM SEED OIL
ORIGIN: TURKEY
CAS NUMBER: 84961-57-9
EINECS NUMBER: 284-646-0
MANUFACTURING METHOD: COLD PRESSED

ANALYTICAL DETAILS	RANGE %	RESULTS
APPEARANCE	OILY LIQUID	-
ODOUR	CHARACTERISTIC	-
COLOUR	YELLOW - GOLDEN	-
REFRACTIVE INDEX @ 20°C	1.480 – 1.525	1.498
SPECIFIC GRAVITY @ 20°C	0.920 – 0.960	0.945
FREE FATTY ACID	<5.0	0.1
ACID VALUE	<10.0	0.2
PEROXIDE VALUE (MEQ O ₂ / KG)	<20.0	11.5

FATTY ACID PROFILE		RANGE %	RESULTS
C-CHAIN	ACID NAME		
C16:0	PALMITIC	2.0 – 8.0	4.0
C18:0	STEARIC	2.0 – 10.0	6.0
C18:1	OLEIC	10.0 - 25.0	15.0
C18:2	LINOLEIC	3.0 – 15.0	9.4
C18:3	LINOLENIC	<5.0	2.4
C18:3	PUNICIC	40 - 75	60.1

The attached information is considered to be correct at the time the client received this information. Please be aware that detail can change and we encourage clients to update their records with NHR Organic Oils regularly. The information is not and should not be considered a guarantee or warranty, or a part of our contractual or other legal obligations.