



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

PRODUCT NAME: POMEGRANATE SEED OIL, COLD PRESSED ORGANIC
BATCH NUMBER: 270625-2
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	COMPLIES
ODOUR	CHARACTERISTIC	COMPLIES
COLOUR	YELLOW - GOLDEN	COMPLIES
REFRACTIVE INDEX @ 20°C	1.480 – 1.525	1.522
SPECIFIC GRAVITY @ 20°C	0.920 – 0.960	0.933
FREE FATTY ACID	<5.0	0.87
ACID VALUE	<10.0	1.74
PEROXIDE VALUE (MEQ O <sub>2</sub> / KG)	<20.0	3.46

FATTY ACID PROFILE		RANGE %	RESULTS
C-CHAIN	ACID NAME		
C16:0	PALMITIC	1.0 – 8.0	2.52
C18:0	STEARIC	1.0 – 5.0	1.95
C18:1	OLEIC	3.0 - 25.0	5.05
C18:2	LINOLEIC	4.0 – 40.0	4.71
C18:3	PUNICIC	35.0 – 87.0	85.67

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