

The Essentially Natural Domain (Pty) Ltd | Reg. No. 2014/170069/07
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CERTIFICATE OF ANALYSIS


Product Name:	Pomegranate Seed Oil CP	Batch No:	0012999
INCI:	<i>Punica granatum seed oil</i>	Cas No:	84961-57-9
EINECS:	284-646-0	Country of Origin:	Turkey
Manufacturing Date:	10 September 2022	Retest Date:	10 January 2025
Method:	Cold pressed		
Retest:	Suggested one month prior to expiry. (Customer's responsibility)		

Analytical Details	Range %	Results
Appearance	Oily liquid	-
Odour	Characteristic	-
Colour	Yellow - golden	-
Refractive index @ 20°C	1.480-1.525	1.521
Specific gravity @ 20°C	0.920-0.960	0.939
Free fatty acid	<5.0	0.6
Acid value	<10.0	1.2
Peroxide value (meq O ₂ /kg)	<20.0	0.6

Fatty Acid Profile		Range %	Results
(C16:0)	Palmitic	2.0-8.0	3.2
(C18:0)	Stearic	2.0-10.0	2.1
(C18:1)	Oleic	10.0-25.0	11.1
(C18:2)	Linoleic	3.0-15.0	14.80
(C18:3)	Linolenic	<5.0	0.17
(C18:3)	Punicic	40-75	74.98

Handling and Storage

Safe handling	Comply with the current legislation concerning the prevention of industrial risks. Keep containers hermetically sealed. Control spills and residues, destroying them with safe methods (section 6). Avoid leakages from the container. Maintain order and cleanliness where dangerous products are used. Prevention of Fires and Explosions: Product is non-flammable under normal conditions of storage, handling and use. It is recommended to transfer at a slow speed to avoid the creation of electrostatic charges that could affect flammable products. Consult section 10 for conditions and materials that should be avoided. Prevent ergonomic and toxicological risks: Do not eat or drink during the process, washing hands afterwards with suitable cleaning products. Prevent environmental risks: Due to the danger of this product for the environment it is recommended to use it within an area containing contamination control barriers in case of spillage, as well as having absorbent material in close proximity.
Safe storage	Technical measures for storage: min temp - 5°C max temp - 25°C max time. Avoid sources of heat, radiation, static electricity and contact with food.


 Signed: 12 January 2024