



JOJOBA DESERT
Leading The Next Generation

**JD Jojoba Golden Oil
(Golden Jojoba Oil)
Specification Data Sheet**

Product Details:

Commercial Name:	JD Jojoba Golden Oil (Former name is Golden Jojoba Oil)
INCI Name:	<i>Simmondsia chinensis</i> (Jojoba) Seed Oil
CAS No.:	90045-98-0/ 61789-91-1
EINECS:	289-964-3
Production Method:	Cold Press
Storage requirements:	Keep away from direct sunlight and excessive heat or cold
Version Number:	1.3

Analysis Results:

Parameters	Method	Units	Range
Peroxide Value (P.V.)	USP	meq O ₂ /Kg	Max: 2
Acid Value	EP, USP	mg KOH/gr	Max: 1.0
Iodine Value	USP	cgl ₂ /gr	80-92
Bacteria Total Count	Israeli standard 885 Part 3	CFU/g	Max: 50
Mold	FDA BAM Chapter 23	CFU/g	Max: 50
TAMC- Yeast	FDA BAM Chapter 23	CFU/g	Max: 50
Specific Gravity	AOAC Cc 10C-95	gr/ml	0.86-0.873
Melting Point	AOCS Cc 3b-92	°C	7-9°C
Refractive Index (40°C)	AOAC,2000,41.1.07	-	1.450-1.470
Moisture (Karl Fischer)	AOAC 969.38	g/100g	Max: 0.1%
Saponification Value	AOAC,2000,920.160	mg KOH/gr	85-98
Unsaponifiable matter	AOAC,2000,920.160	%	45-55
VOC Scan (GC/MS)	EPA-8260	mg/Kg	N.D.
Pesticides Residues by LC/MS	PAM 304 Quenchers	mg/Kg	N.D.
Cd- Cadmium	ICP-MS	mg/Kg	Max: 1.0
Hg-Mercury	ICP-MS	mg/Kg	Max: 0.1
Pb-Lead	ICP-MS	mg/Kg	Max: 0.1
Color Gardner	AOCS Td 1a-64	Gardner	Max: 9.0

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****Fatty Acid Composition**

Typical Values	Units	Range
Palmitic acid C 16:0	%	0-3.0
Palmitoleic acid C 16:1	%	0-3.0
Oleic acid C 18:1	%	5.0-15.0
Gadoleic acid C 20:1	%	65.0-80.0
Behenic acid C 22:0	%	0.0-1.0
Erucic acid C 22:1	%	10.0-20.0
Nervonic acid C 24:1	%	0.0-3.0
Other	%	0.0-3.0

Storage:

Keep the product in the original container well closed in a clean dry room, at room temp. Around 20-25 °C. Avoid long storage at temperature above 25 °C. Avoid humidity, light or heat sources.

Shelf life under storage requirements are 36 months from production date, in sealed original container.

Safety Declaration:

JD Jojoba Desert complies with the EC No. 1223/2009 on cosmetic products and its annexes and amendments. All ingredients are of Non-GMO origin, Non-Allergenic, and Non-Mutagenic.

For further info. Please refer to our site www.jojobadesert.com

We are committed to the quality of our products. For Quality Assurance support please refer your mail to qa@jojobadesert.com

The information included in this Specification Data Sheet does not discharge you from the control of the product before the use. "Jojoba Desert" does not take liability for any damage to people or property for improper use. The current Specification Data Sheet replaces and cancels every previous version.

Authorized Signatory & Stamp: December 24, 2018

Merav Hadary
QA Manager



* Shelf Life is valid for the products that are kept in their original unopened container, away from direct sunlight and excessive heat or cold. During storage the Jojoba wax can develop a slight sedimentation at the bottom of the drum.

** This data is tested periodically by independent ISO/IEC 17025/ (2005) certified laboratory