



JOJOBA DESERT
Leading The Next Generation

JD Jojoba Golden Oil Certificate of Analysis

Product Details:	
Commercial Name:	JD Jojoba Golden Oil
INCI Name:	<i>Simmondsia chinensis</i> (Jojoba) Seed Oil
CAS:	90045-98-0/61789-91-1
EINECS:	289-964-3
Production Method:	Cold Pressed
Sample code/Batch Number:	G24018D
Sample Characteristics and Conditions:	Liquid golden clear oil
Production date:	09/04/2024
Tested date:	09/04/2024
*Expiry date:	09/04/2027
Version Number:	Ver.1.4

Analysis Results:

Parameters	Method	Units	Range	Results
Peroxide Value (P.V.)	USP	meq O ₂ /Kg	Max: 2	0.8
Acid Value	EP, USP	mg KOH/gr	Max: 1.0	0.4
**Iodine Value	USP	cgI ₂ /gr	80-92	81.1
Bacteria Total Count	Israeli standard 885 Part 3	CFU/g	Max: 50	<10
Mold	FDA BAM Chapter 23	CFU/g	Max: 50	<10
TAMC- Yeast	FDA BAM Chapter 23	CFU/g	Max: 50	<10
**Specific Gravity	AOAC Cc 10C-95	gr/ml	0.86-0.873	0.862
**Melting Point	AOCS Cc 3b-92	°C	7-9°C	7.1
**Refractive Index (40°C)	AOAC,2000,41.1.07	-	1.450-1.470	1.460
Moisture (Karl Fischer)	AOAC 969.38	g/100g	Max: 0.1%	0.03
**Saponification Value	AOAC,2000,920.160	mg KOH/gr	85-98	94.1
**Unsaponifiable matter	AOAC,2000,920.160	%	45-55	52.8
**VOC Scan (GC/MS)	EPA-8260	mg/Kg	N.D.	N.D.
**Pesticides Residues by LC/MS	PAM 304 Quenchers	mg/Kg	N.D.	N.D.
**Cd- Cadmium	ICP-MS	mg/Kg	Max: 1.0	<0.1
**Hg-Mercury	ICP-MS	mg/Kg	Max: 0.1	<0.1
**Pb-Lead	ICP-MS	mg/Kg	Max: 0.1	<0.1
**Color Gardner	AOCS Td 1a-64	Gardner	Max: 9.0	7

Carrying
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Care

Jojoba Desert (A.C.S) Ltd. | Kibbutz Hatzerim, D.N.Hanegev, 8542000 Israel

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****Fatty Acid Composition**

Typical Values	Units	Range	Results
Palmitic acid C 16:0	%	0-3.0	0.1
Palmitoleic acid C 16:1	%	0-3.0	<0.1
Oleic acid C 18:1	%	5.0-15.0	6.5
Gondoic acid C 20:1	%	65.0-80.0	76.9
Behenic acid C 22:0	%	0.0-1.0	<0.1
Erucic acid C 22:1	%	10.0-20.0	14.9
Nervonic acid C 24:1	%	0.0-3.0	0.1
Other	%	0.0-3.0	<0.1

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 a temperature above 25 °C. Avoid humidity, light, or heat sources.

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

Safety Declaration:

JD Jojoba Desert complies with 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 its 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: April 22, 2024

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 slight sedimentation at the bottom of the drum.
** This data is tested periodically by an independent ISO/IEC 17025/ (2005) certified laboratory.

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