



**JOJOBA DESERT**  
Leading The Next Generation

**JD Jojoba Golden Oil  
Certificate of Analysis**

Product Details:	
<b>Commercial Name:</b>	<b>JD Jojoba Golden Oil</b>
<b>INCI Name:</b>	<i>Simmondsia chinensis</i> (Jojoba) Seed Oil
<b>CAS:</b>	90045-98-0/61789-91-1
<b>EINECS:</b>	289-964-3
<b>Production Method:</b>	Cold Pressed
<b>Sample code/Batch Number:</b>	G22055J
<b>Sample Characteristics and Conditions:</b>	Liquid golden clear oil
<b>Production date:</b>	29.9.22
<b>Tested date:</b>	29.9.22
<b>*Expiry date:</b>	29.9.25
<b>Version Number:</b>	Ver.1.4

**Analysis Results:**

Parameters	Method	Units	Range	Results
<b>Peroxide Value (P.V.)</b>	USP	meq O <sub>2</sub> /Kg	Max: 2	0.6
<b>Acid Value</b>	EP, USP	mg KOH/gr	Max: 1.0	0.4
<b>Iodine Value</b>	USP	cgl <sub>2</sub> /gr	80-92	83.7
<b>Bacteria Total Count</b>	Israeli standard 885 Part 3	CFU/g	Max: 50	<10
<b>Mold</b>	FDA BAM Chapter 23	CFU/g	Max: 50	<10
<b>TAMC- Yeast</b>	FDA BAM Chapter 23	CFU/g	Max: 50	<10
<b>**Specific Gravity</b>	AOAC Cc 10C-95	gr/ml	0.86-0.873	0.862
<b>**Melting Point</b>	AOCS Cc 3b-92	°C	7-9°C	7.1
<b>**Refractive Index (40°C)</b>	AOAC,2000,41.1.07	-	1.450-1.470	1.460
<b>Moisture (Karl Fischer)</b>	AOAC 969.38	g/100g	Max: 0.1%	0.03
<b>**Saponification Value</b>	AOAC,2000,920.160	mg KOH/gr	85-98	94.1
<b>**Unsaponifiable matter</b>	AOAC,2000,920.160	%	45-55	52.8
<b>**VOC Scan (GC/MS)</b>	EPA-8260	mg/Kg	N.D.	N.D.
<b>**Pesticides Residues by LC/MS</b>	PAM 304 Quenchers	mg/Kg	N.D.	N.D.
<b>**Cd- Cadmium</b>	ICP-MS	mg/Kg	Max: 1.0	<0.1
<b>**Hg-Mercury</b>	ICP-MS	mg/Kg	Max: 0.1	<0.1
<b>**Pb-Lead</b>	ICP-MS	mg/Kg	Max: 0.1	<0.1
<b>**Color Gardner</b>	AOCS Td 1a-64	Gardner	Max: 9.0	7

Carrying  
Your  
Care

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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](http://www.jojobadesert.com)

We are committed to the quality of our products. For Quality Assurance support please refer your mail to [qa@jojobadesert.com](mailto: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:** October 19, 2022

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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