



CERTIFICATE OF ANALYSIS

JOJOBA OIL

Product Details

Commercial Name:	Golden Jojoba Oil
INCI Name:	Simmondsia Chinensis Seed Oil
Production Method:	Cold Press
Sample Code/Batch Number:	102512
Sample Characteristic and condition:	Liquid Golden Oil
Production Date:	04/2026
Tested Date:	04/2026
Expiry Date:	04/2029

PRODUCT RESULTS

Analysis Results

Parameters	Method	Units	Range	Results
Bacteria Total Count	Total count of aerobic microorganisms Standards of Israel 885 Part 3.	Cfu/g	Max: 50	<10

Chemical and Physical Properties

Parameters	Method	Units	Range	Results
Specific Gravity	In house procedure	g/ml	0.863-0.873	0.866
Moisture and Insoluble Impurities	AOAC 969.38	g/100g	MAX 0.1%	0.03
Acid Value	EP, ESP	Mg KOH/g	MAX 1.0	0.5
Peroxidase Value	USP	Meq O ₂ /KG	MAX 2.0	0.9
Saponification Value	USP	Mg KOH/g	85.0-98.0	95.6
Unsaponification Substance	EP (Method II)	%	45.0-55.0	46.4
Iodine Value	USP	g I ₂ /100g oil	80.0-92.0	82.5
Color Gardner	In house procedure	Gardner	MAX 8.0	7.8
Refractive Index	EP/FCC	-	1.465-1.467	1.466
Pesticides Residues by GC/MS	Based on: Sanco. FDA-PAM		None	Not detected

Fatty Acid Composition

Parameters	Method	Units	Range	Results
C20:1 Gandoic Acid	Based on: AOAC 963.22 and SI 228	g/100g Fat	65.0-80.0%	70.97
C22:1 Erucic Acid			10-20%	13.76
C18:1 Oleic Acid			5.0-15.0%	12.76
C24:1 Nervonic Acid			MAX 3.0%	1.29
Other Fatty Acids			MAX 3.0%	<0.1
C16:0 Palmitic Acid			MAX 3.0%	1.21
C16:1 Palmitoleic Acid			MAX 1.0%	<0.1
C22:0 Behenic Acid			MAX 1.0%	<0.1

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

Signature: _____