

SPECIFICATION

COLORLESS ODORLESS JOJOBA OIL

Product Details:	
Commercial Name:	Colorless Odorless Jojoba Oil
INCI Name:	Simmondsia Chinensis (jojoba) Seed Oil
CAS:	90045-98-0/ 61789-91-1
EINECS:	289-964-3
Production Method:	Cold press, bleached with natural bleaching clay, deodorized and filtered.
Version Number:	CLSSPEC002

Parameters	Method	Units	Range
Specific Gravity 25°C	AOAC Cc 10a-25	gr/ml	0.86-0.873
Peroxide Value (P.V.)	USP	meq O ₂ /Kg	Max: 2
Acid Value	EP, ESP	mg KOH/gr	Max: 1.0
Iodine Value	USP	mg I ₂ /gr	80-92
Moisture (Karl Fischer)	AOAC 969.38	g/100g	Max: 0.1%
Bacteria Total Count	Total count of aerobic micro organisms Standards of Israel 885 Part 3.	Cfu/g	Max: 50
Pesticides Residues by GC/MS	PAM 304 Quechers	mg/Kg	N.D
Melting Point	AOCS Cc 3b-92	C°	7°-9°C
Refractive Index (40°C)	AOAC,2000,41.1.07	-	1.450-1.470
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
As-Arsenic	ICP-MS	mg/Kg	Max: 0.2
Hg-Mercury	ICP-MS	mg/Kg	Max: 0.1
Pb-Lead	ICP-MS	mg/Kg	Max: 0.1
Color Lovibond Red	AOCS Cc 13e-92	Lovibond	Max: 1.0
Color Lovibond Yellow	AOCS Cc 13e-92	Lovibond	Max: 3.0
Color Gardner	AOCS Td 1a-64	Gardner	Max: 1.0 +
Odor	Olfactory	-	None to minimal

FATTY ACID COMPOSITION IN %

Typical Properties		Units	Specifications
Palmitic acid	C 16:0	%	0-3.0
Palmitoleic acid	C 16:1	%	0-1.0
Oleic acid	C 18:1	%	5.0-12.0
Gadoleic acid	C 20:1	%	65.0-80.0
Erucic acid	C 22:1	%	10.0-20.0

WAX ESTERS COMPOSITION IN %

Typical Properties	Units	Range	
C36	%	Min: 0	Max: 2
C38	%	Min: 5	Max: 8
C40	%	Min:26	Max:34
C42	%	Min:44	Max:56
C44	%	Min: 8	Max:12
C46	%	Min: 0	Max: 2

Issue Date: Sunday, October 09, 2016

Authorized Signatory & Stamp:

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