

BOLETÍN DE ANÁLISIS

ACEITE VEGETAL VIRGEN DE JOJOBA BIO PRIMERA PRESIÓN EN FRÍO ORGANIC VIRGIN JOJOBA VEGETABLE OIL FIRST COLD PRESSING

Name of product: Organic Jojoba Oil
Name: Aceite de Jojoba Virgen BIO
INCI name: Simmondsia Chinensis Seed Oil
Production: cold pressed
CAS: 90045-98-0
Batch number: A00000639/22
Production date: 02/2023
Retest: 1/2025

Chemical and Physical Properties

Parameters	Method	Units	Range	Results
Specific Gravity at 20°C	EP/FCC	g/ml	0.863-0.873	0.866
Moisture and Insoluble Impurities	AOAC 969.38	g/100g	MAX 0.1%	0.02
Acid Value	EP, ESP	Mg KOH/g	MAX 1.0%	0.6
Peroxidase Value	UPS	Meq O2/KG Oil	MAX 2.0%	2.0
Saponification Value	UPS	Mg KOH/g	85.0-98.0	89.9
Unsaponification Substance	EP (Method II)	%	45.0-55.0	45.9
Iodine Value	UPS	Mg I2/g oil	80.0-92.0	85.8
Color Gardner	In house procedure	Gardner	MAX 8.0	7.8
Refractive Index (Room temperature)	EP/FCC	-	1.465-1.467	1.467
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	60.0-80.0%	67.01
C22:1 Erucic Acid			10-20%	16.42
C18:1 Oleic Acid			5.0-15.0%	12.54
C24:1 Nervonic Acid			MAX 3.0%	1.84
Other Fatty Acids			MAX 3.0%	<0.1
C16:0 Palmitic Acid			MAX 3.0%	1.45
C16:1 Palmitoleic Acid			MAX 1.0%	<0.1
C22:0 Behenic Acid			MAX 1.0%	0.20