



Essential Oils Direct Ltd

## Product Specification

Product Name	Jojoba Golden Oil				
Date	06/07/2017	Product Code	-	Rev	03
Description	Simmondsia Chinensis Seed Oil is the fixed oil expressed or extracted from seeds of the desert shrub, Jojoba, <i>Simmondsia chinensis</i> , <i>Buxaceae</i> .				
Appearance	Clear bright liquid, pale yellow to golden yellow				
Odour	Free from rancid and foreign odours.				
INCI Name	Simmondsia Chinensis Seed Oil				
CAS Number	90045-98-0	EC Number	289-964-3		

### TEST SPECIFICATION

ANALYTICAL TEST	SPECIFICATION RANGE
Specific Gravity @ 25°C (g/ml)	0.860 – 0.875
Refractive Index @ 20°C	1.450 – 1.470
Acid value (mgKOH/g)	≤ 5.0
Saponification value (mgKOH/g)	88.0 – 98.0
Iodine value (mg/g)	80.0 – 90.0
Peroxide value (Meq/kg)	≤ 5.0 (at time of production analysis)
Unsaponifiable matter (%)	45.0 – 55.0
<b>Fatty Acid Profile (%)</b>	
C 16:0 Palmitic Acid	≤ 3.0
C 16:1 Palmitoleic Acid	≤ 1.0
C 18:1 Oleic Acid	5.0 – 15.0
C 20:1 Gadoleic Acid	65.0 – 80.0
C 22:1 Erucic Acid	10.0 – 22.0

### STORAGE

Store product in full, tightly closed containers in a cool dry place away from heat and sunlight.

### STABILITY

When stored for more than 24 months, quality should be checked before use.