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## CERTIFICATE OF ANALYSIS

**Product: Jojoba Golden CP carrier oil**

**INCI Name: Simmondsia Chinensis seed oil**

**CAS No: 90045-98-1 / 61789-91-1 EINECS No: 289-964-3**

**Countries of Origin: Israel**

**Batch Code: 108628**

Test	Specification	Result
Appearance	Oily liquid	Complies
Colour	Yellow to golden	Complies
Odour	Almost odourless	Complies
Specific Gravity at 20°C	0.86 – 0.875	0.871
Refractive Index at 20°C	1.45 – 1.47	1.467
Optical Rotation at 20°C	< 5	0.3
Iodine Value	60 – 92	86.4
Peroxide Value (meqO <sub>2</sub> /kg)	< 20	1
Saponification Value	85 – 99	94
Unsaponifiable Matter %	45 – 55	45.9

### **Fatty Acid Profile %**

C 16:0 Palmitic Acid	< 3	1.41
C 16:1 Palmitoleic Acid	< 1	0.1
C 18:0 Stearic Acid	< 5	Complies
C 18:1 Oleic Acid	5 – 15	12.09
C 20:0 Gadoleic Acid	65 – 80	68.74
C 22:0 Behenic Acid	< 1	0.1
C 22:1 Erucic Acid	10 – 22	14.96
C 24:1 Nervonic Acid	< 3	2.1

*Storage: Keep tightly closed, in a cool dry place away from heat, sunlight and moisture.*

**Manufacture Date: March 2020**

**Best Before: Sept 2021**

**Date Document Created: 27/04/2020**

**Revision Date: n/a**

Shelf life of this product depends very much on storage conditions, particularly temperature and exposure to light and air.

Expiry date must be considered as subjective; the expiry date given here is based on the best of our knowledge and experience of the material when stored under recommended conditions in original unopened containers.

Due to the natural ingredients contained in many of our products, there may be a slight batch to batch variation in the colour, odour, or consistency. However, we ensure that this does not affect the quality and efficiency of the products in any way.

We hereby certify that the above material meets the required specification and is released for free sale.