

CERTIFICATE OF ANALYSIS

| | | | |
|--------------------------------|--|-------------------------|-----------|
| Product Name | Jojoba Oil | Part Used | Seeds |
| CAS No. | 61789-91-1 | Manufacture Date | 2024.5.6 |
| Quantity | 100KG | Analysis Date | 2024.5.12 |
| Batch No. | ES-240506 | Expiry Date | 2026.5.5 |
| INCI Name | Simmondsia Chinensis (Jojoba) Seed Oil | | |
| Items | Specifications | Results | |
| Appearance | Bright pale yellow liquid | Complies | |
| Odour | Free from rancid and foreign odours | Complies | |
| Relative Density @25°C (g/ml) | 0.860 – 0.870 | 0.866 | |
| Refractive Index@25°C | 1.460 – 1.486 | 1.466 | |
| Free Fatty Acid (% as Oleic) | ≤ 5.0 | 0.095 | |
| Acid value (mgKOH/g) | ≤ 2.0 | 0.19 | |
| Iodine value (mg/g) | 79.0 – 90.0 | 81.0 | |
| Saponification value (mgKOH/g) | 88.0 – 98.0 | 91.0 | |
| Peroxide Value(Meq/kg) | ≤ 8.0 | 0.22 | |
| Unsaponifiable Matter (%) | 45.0 – 55.0 | 50.2 | |
| Microbiological Test | | | |
| Total Plate Count | <1000cfu/g | Complies | |
| Yeast & Mold | <100cfu/g | Complies | |
| E.Coli | Negative | Negative | |
| Salmonella | Negative | Negative | |
| Solubility | Soluble in cosmetic esters and fixed oils; Insoluble in water. | | |
| Package | 1kg/bottle; 25kg/drum. | | |
| Storage | Store in a cool and dry place, keep away from strong light and heat. | | |
| Shelf life | Two years when properly stored. | | |
| Conclusion | Sample Qualified. | | |

Analyst: Jiayan Yang

Checked By: Fei Shen

Manager: Xiaoyu Wang

