La Despensa del Jabón
Materias primas para jabón y cosmética artesanal

# CERTIFICATE OF ANALYSIS
# ALMOND OIL ORGANIC (SWEET ALMOND)

**DESCRIPTION**

**Product:** Almond Oil Organic (Sweet Almond)

**INCI Name:** Prunus amygdalus var. dulcis

**CAS No:** 68956-68-3

**EINECS No:** 273-313-5

**LOT No:** 177-201705
**Retest:** 07/2019

**CHARACTERISTICS**

| ANALYTICAL DETAILS | RANGE | RESULT |
|---|---|---|
| APPEARANCE | Liquid at room temperature | Complies |
| COLOUR | Very pale yellow, clear oily liquid | Complies |
| ODOUR | Neutral | Complies |
| COLOUR (LOVIBOND 5.25" CELL) | ≤ 25 y, 2.5 r | 8y , 0.9r |
| RELATIVE DENSITY @ 20˚C | 0.910 – 0.930 | 0.915 |
| REFRACTIVE INDEX @ 20˚C | 1.465 – 1.475 | 1.471 |
| FREE FATTY ACID (% AS OLEIC) | ≤ 0.25 | 0.013 |
| IODINE VALUE (CALC) | 98 – 119 | 104 |
| PEROXIDE VALUE (Meq $O_2$/ kg) | ≤ 5.0 | 0.6 |
| SAPONIFICATION VALUE | 190 – 200 | 191 |
| UNSAPONIFIABLE MATTER | ≤ 1.0 | 0.49 |
| ACID VALUE | ≤ 0.50 | 0.02 |



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| FATTY ACID PROFILE (MAJOR ACIDS) | ACID NAME | C-CHAIN | RANGE | RESULT |
|---|---|---|---|---|
| | PALMITIC | C16:0 | 3 – 9 | 5.6 |
| | PALMITOLEIC | C16:1 | ≤ 1.2 | 0.1 |
| | STEARIC | C18:0 | 1 – 5 | 2.7 |
| | OLEIC | C18:1 | 46 – 66 | 64.4 |
| | LINOLEIC | C18:2 | 29 – 44 | 25.6 |
| | ALPHA LINOLENIC | C18:3 | ≤ 0.5 | 0.2 |
| | ICOSANOIC | C20:0 | ≤ 0.3 | 0.2 |
| | ICOSENOIC | C20:1 | ≤ 0.3 | 0.2 |
| | DOCOSANOIC | C22:0 | ≤ 0.9 | 0.5 |
| | TETRACOSANOIC | C24:0 | ≤ 0.5 | 0.3 |
| | OTHERS | | ≤ 1.0 | ≤ 1.0 |



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