

AKÖMA™

FROM THE HEART

CERTIFICATE OF ANALYSIS

STRAWBERRY SEED OIL

DESCRIPTION

Description: Strawberry Seed Oil, Cold Pressed
Inci Name: Fragaria Anassa Seed Oil
Cas Nos: 3817-18-28-1
Einecs No: 284-554-0
Manufacturing Method: Cold Pressed

CHARACTERISTICS

| ANALYTICAL DETAILS | RANGE % | RESULTS |
|-------------------------|--------------------|---------|
| APPEARANCE | OILY LIQUID | - |
| COLOUR | GREEN – DARK GREEN | - |
| ODOUR | ODOURLESS | - |
| SPECIFIC GRAVITY @ 20°C | 0.910 – 0.930 | 0.921 |
| REFRACTIVE INDEX @ 20°C | 1.475 – 1.490 | 1.480 |
| ACID VALUE | <8.0 | 3.93 |
| IODINE VALUE | 165.0 – 195.0 | 181.4 |
| PEROXIDE VALUE | <30.0 | 5.3 |
| FREE FATTY ACID | <4.0 | 1.8 |

| FATTY ACID | | RANGE % | RESULTS |
|------------|-----------------|-------------|---------|
| PROFILE | | | |
| C-CHAIN | ACID NAME | | |
| C16:0 | PALMITIC | 2.0 – 6.0 | 4.2 |
| C16:1 | PALMITOLEIC | <0.5 | 0.21 |
| C18:0 | STEARIC | <4.0 | 1.3 |
| C18:1 | OLEIC | 8.0 – 18.0 | 15.6 |
| C18:2 | LINOLEIC | 44.0 – 55.0 | 47.1 |
| C18:3 | ALPHA LINOLENIC | 28.0 – 38.0 | 29.1 |
| C18:3 | GAMMA LINOLENIC | <0.5 | 0.33 |

| | | | |
|-------|------------|------|-----|
| C20:0 | ARACHIDIC | <3.0 | 1.0 |
| C22:0 | BEHENIC | <0.5 | 0.1 |
| C24:0 | LIGNOCERIC | <0.5 | 0.1 |

K0440

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