

AKÖMA™

FROM THE HEART

CERTIFICATE OF ANALYSIS PRICKLY PEAR SEED OIL ORGANIC

DESCRIPTION

PRODUCT: PRICKLY PEAR SEED OIL ORGANIC, COLD PRESSED
INCI NAME: Opuntia Ficus-Indica Seed Oil
CAS No: 90082-21-6
EINECS No: 290-109-1
MANUFACTURING METHOD: COLD PRESSED

CHARACTERISTICS

| ANALYTICAL DETAILS | RANGE % | RESULT |
|--|----------------|----------|
| APPEARANCE | OILY LIQUID | CONFORMS |
| ODOUR | CHARACTERISTIC | CONFORMS |
| COLOUR | YELLOW – GREEN | CONFORMS |
| SPECIFIC GRAVITY @ 20°C | 0.910 – 0.930 | 0.915 |
| ACID VALUE | <2.6 | 0.27 |
| PEROXIDE VALUE (MEQ O ₂ / KG) | <20.0 | 4.8 |
| SAPONIFICATION VALUE | 180.0 – 195 | 188.0 |
| FREE FATTY ACID | <1.3 | CONFORMS |

| FATTY ACID PROFILE | | RANGE % | RESULTS |
|--------------------|------------|---------|---------|
| C-CHAIN | ACID NAME | | |
| C16:0 | PALMITIC | <13.0 | 12.2 |
| C18:0 | STEARIC | <6.0 | 2.9 |
| C18:1 | OLEIC | <15.0 | - |
| C18:2 | LINOLEIC | <75.0 | 64.2 |
| C18:3 | LINOLENIC | <1.0 | - |
| C20:0 | ARACHIDIC | <0.5 | - |
| C20:1 | EICOSENOIC | <1.0 | - |