

# AKÖMA™

## FROM THE HEART

### CERTIFICATE OF ANALYSIS JOJOBA OIL, GOLDEN, ORGANIC

#### DESCRIPTION

**PRODUCT:** JOJOBA OIL, GOLDEN, ORGANIC, COLD PRESSED  
**INCI NAME:** SIMMONDSIA CHINENSIS SEED OIL  
**CAS No:** 90045-98-0  
**EINECS No:** 289-964-3  
**MANUFACTURING METHOD:** COLD PRESSED

#### CHARACTERISTICS

ANALYTICAL DETAILS	RANGE %	RESULT
APPEARANCE	OILY LIQUID	CONFORMS
COLOUR	YELLOW – GOLDEN	CONFORMS
ODOUR	ALMOST ODOURLESS	CONFORMS
SPECIFIC GRAVITY @ 20°C	0.860 – 0.880	0.860
REFRACTIVE INDEX @ 20°C	1.455 – 1.475	1.4645
SAPONIFICATION VALUE	85.0 – 99.0	97.6
UNSAAPONIFIABLE MATTER	45.0 – 55.0	50.99
PEROXIDE VALUE (MEQ O <sub>2</sub> / KG)	<20.0	0.5
IODINE VALUE	80 – 95	81.74
ACID VALUE	<5.0	0.24

FATTY ACID PROFILE	ACID NAME	RANGE %	RESULTS
C-CHAIN			
C16:0	PALMITIC	<3.5	1.362
C16:1	PALMITOLEIC	<1.0	0.095
C18:0	STEARIC	<5.0	-
C18:1	OLEIC	5.0 – 15.0	13.045
C20:1	GADOLEIC	65.0 – 85.0	69.678
C22:0	BEHENIC	< 1.0	0.213
C22:1	ERUCIC	10.0 – 25.0	13.148
C24:1	NERVONIC	<3.0	1.271