

# AKÖMA™

## FROM THE HEART

### CERTIFICATE OF ANALYSIS CASTOR OIL ORGANIC

#### DESCRIPTION

**PRODUCT:** CASTOR OIL ORGANIC, COLD PRESSED  
**INCI NAME:** RICINUS COMMUNIS SEED OIL  
**CAS No:** 8001-79-4  
**EINECS No:** 232-293-8  
**MANUFACTURING METHOD:** COLD PRESSED

#### CHARACTERISTICS

ANALYTICAL DETAILS	RESULT
Appearance	Pale yellow to yellow viscous liquid
Odour	Characteristic
Peroxide Value (meq O <sub>2</sub> / kg)	1.67
Free Fatty Acid ( % as oleic)	0.2
Acid Value	0.4
Refractive Index @ 20°C	1.478
Relative Density @ 20°C	0.958
Palmitic Acid : C16:0	0.97
Stearic Acid : C18:0	1.18
Oleic Acid : C18:1	3.28
Ricinoleic Acid : C18:1 (OH)	88.74
Linoleic Acid : C18:2	4.27
Alpha Linolenic Acid : C18:3	0.79
Eicosenoic Acid : C20:1	0.21
Iodine Value	84.97
Hydroxyl Value (mg KOH/g)	166.83
Saponification Value	180.39

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