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## CERTIFICATE OF ANALYSIS

**PRODUCT NAME: JOJOBA SEED OIL GOLDEN, COLD PRESSED ORGANIC**

**LOT NUMBER: LOT0005036**

PRODUCT INCI: SIMMONDSIA CHINENSIS SEED OIL

PRODUCT CODE: K0236

CAS NUMBER: 90045-98-0

EINECS NUMBER: 289-964-3

MANUFACTURING METHOD: COLD PRESSED

MANUFACTURING DATE: 06/12/2019

BEST BEFORE DATE: 06/06/2021

ANALYTICAL DETAILS	RANGE %	RESULTS
APPEARANCE	OILY LIQUID	-
COLOUR	YELLOW - GOLDEN	-
ODOUR	ALMOST ODOURLESS	-
SPECIFIC GRAVITY @ 20°C	0.860 – 0.880	0.863
REFRACTIVE INDEX @ 20°C	1.455 – 1.475	1.466
SAPONIFICATION VALUE	85.0 – 99.0	89.4
UNSAAPONIFIABLE MATTER	45.0 – 55.0	45.9
PEROXIDE VALUE	<20.0	0.6
IODINE VALUE	80 - 95	86.7
ACID VALUE	<5.0	0.3

FATTY ACID PROFILE		RANGE %	RESULTS
C-CHAIN	ACID NAME		
C16:0	PALMITIC	<3.5	1.33
C16:1	PALMITOLEIC	<1.0	0.31
C18:0	STEARIC	<5.0	-
C18:1	OLEIC	5.0 – 15.0	11.0
C20:1	GADOLEIC	65.0 – 85.0	69.68
C22:0	BEHENIC	< 1.0	0.1
C22:1	ERUCIC	10.0 – 25.0	15.26
C24:1	NERVONIC	<3.0	1.8