

## CERTIFICATE OF ANALYSIS

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

**LOT NUMBER: LOT0001889**

PRODUCT INCI: SIMMONDSIA CHINENSIS SEED OIL

PRODUCT CODE: K0235

CAS NUMBER: 90045-98-0

EINECS NUMBER: 289-964-3

MANUFACTURING METHOD: COLD PRESSED

MANUFACTURING DATE: 26/11/2018

BEST BEFORE DATE: 26/05/2020

ANALYTICAL DETAILS	RANGE %	RESULTS
APPEARANCE	OILY LIQUID	-
COLOUR	YELLOW - GOLDEN	-
ODOUR	ALMOST ODOURLESS	-
SPECIFIC GRAVITY @ 20°C	0.860 – 0.875	0.868
REFRACTIVE INDEX @ 20°C	1.450 – 1.470	1.465
SAPONIFICATION VALUE	85.0 – 99.0	96
UNSAAPONIFIABLE MATTER	45.0 – 55.0	51.9
PEROXIDE VALUE	<20.0	2.0
IODINE VALUE	60 - 92	86
ACID VALUE	<5.0	0.3

FATTY ACID PROFILE		RANGE %	RESULTS
C-CHAIN	ACID NAME		
C16:0	PALMITIC	<3.0	1.2
C16:1	PALMITOLEIC	<1.0	0.1
C18:0	STEARIC	<5.0	0.1
C18:1	OLEIC	5.0 – 15.0	8.6
C20:1	GADOLEIC	65.0 – 80.0	72.7
C22:0	BEHENIC	< 1.0	0.2
C22:1	ERUCIC	10.0 – 22.0	14.7
C24:1	NERVONIC	<3.0	1.6