

## CERTIFICATE OF ANALYSIS

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

**LOT NUMBER: LOT0004907**

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: 25/11/2019

BEST BEFORE DATE: 25/05/2021

ANALYTICAL DETAILS	RANGE %	RESULTS
APPEARANCE	OILY LIQUID	-
COLOUR	YELLOW - GOLDEN	-
ODOUR	ALMOST ODOURLESS	-
SPECIFIC GRAVITY @ 20°C	0.860 – 0.875	0.864
REFRACTIVE INDEX @ 20°C	1.450 – 1.470	1.467
SAPONIFICATION VALUE	85.0 – 99.0	90.7
UNSATURATED MATTER	45.0 – 55.0	46.2
PEROXIDE VALUE	<20.0	1.0
IODINE VALUE	60 - 92	84.8
ACID VALUE	<5.0	0.6

FATTY ACID PROFILE		RANGE %	RESULTS
<b>C-CHAIN</b>	<b>ACID NAME</b>		
C16:0	PALMITIC	<3.0	1.23
C16:1	PALMITOLEIC	<1.0	0.36
C18:0	STEARIC	<5.0	-
C18:1	OLEIC	5.0 – 15.0	10.22
C20:1	GADOLEIC	65.0 – 80.0	71.04
C22:0	BEHENIC	< 1.0	0.1
C22:1	ERUCIC	10.0 – 22.0	13.22
C24:1	NERVONIC	<3.0	1.62