

## CERTIFICATE OF ANALYSIS

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

**LOT NUMBER: Q1102** (LOT0015680)

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: 22/06/22

BEST BEFORE DATE: 22/12/23

ANALYTICAL DETAILS	RANGE %	RESULTS
APPEARANCE	OILY LIQUID	-
COLOUR	YELLOW - GOLDEN	-
ODOUR	ALMOST ODOURLESS	-
SPECIFIC GRAVITY @ 20°C	0.863 – 0.873	0.867
REFRACTIVE INDEX @ 20°C	1.465 – 1.467	1.467
SAPONIFICATION VALUE	85.0 – 98.0	91.7
UNSAAPONIFIABLE MATTER	45.0 – 55.0	45.4
PEROXIDE VALUE	<2.0	1.0
IODINE VALUE	80 - 92	80.0
ACID VALUE	<1.0	0.4

FATTY ACID PROFILE		RANGE %	RESULTS
C-CHAIN	ACID NAME		
C16:0	PALMITIC	<3.0	1.62
C16:1	PALMITOLEIC	<1.0	0.1
C18:0	STEARIC	<5.0	0.1
C18:1	OLEIC	5.0 – 15.0	14.36
C20:1	GADOLEIC	65.0 – 80.0	68.43
C22:0	BEHENIC	< 1.0	0.1
C22:1	ERUCIC	10.0 – 22.0	14.11
C24:1	NERVONIC	<3.0	1.47

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