

## CERTIFICATE OF ANALYSIS

PRODUCT NAME	JOJOBA CARRIER OIL
LATIN NAME	<i>Simmondsia Chinensis</i>
CAS NO	61789-91-1
PRODUCT CODE	PCJOJXX01
MANUFACTURE DATE	05/2018
EXPIRY DATE	05/2023
BATCH NUMBER	JOJC0518JV
COUNTRY OF ORIGIN	ISREAL
PART OF PLANT USED	SEEDS (COLD PRESSED)
ORIGINAL DATE ISSUED	23/05/2018
DATE DISPATCHED	30/05/2019

ANALYTICAL DETAILS	SPECIFICATIONS	RESULTS
COLOUR	CLEAR YELLOW	COMPLIES
ODOUR	ODOURLESS	COMPLIES
PHYSICAL STATE	LIQUID OIL	COMPLIES
REFRACTIVE INDEX (20°C)	1.4600 - 1.4770	1.4663
RELATIVE DENSITY (20°C)	0.8450 - 0.8750	0.8656
OPTICAL ROTATION	N/A	N/A
PEROXIDE VALUE	<2	<0.28
ACID VALUE	<1	0.313
FREE FATTY ACIDS	<3	0.157
SAPONICATION VALUE	88-98	77.90
IODINE VALUE	80-90	75.09

FATTY ACID PROFILE	SPECIFICATIONS	RESULTS
COMPONENTS	% COMPOSITION	% COMPOSITION
C16:0 PALMITIC ACID	<3	1.13
C16:1 PALMITOLEIC ACID	<1	-
C18:0 STEARIC ACID	-	10.60
C18:1 OLEIC ACID	5-10	-
C18:2 LINOLEIC ACID	<5	-
C18:3 LINOLENIC	<1	-
C20:0 ARACHIDIC	<3	-
C20:2 EICOSENOIC	65.0 - 80	71.9
C22:0 BEHENIC ACID	<0.5	0.21
C22:1 ERUCIC ACID	10-20	14.35
C24:1 NERVONIC ACID	<3	1.84

STORAGE CONDITIONS	STORE IN A COOL DARK PLACE
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**A. SALMAN**  
 AYANDA SALMAN  
 QUALITY CONTROL

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