

CERTIFICATE OF ANALYSIS

PRODUCT NAME: MARULA SEED OIL, COLD PRESSED

LOT NUMBER: LOT0000094

PRODUCT INCI: SCLEROCARYA BIRREA SEED

PRODUCT CODE: K0288

CAS NUMBER: NOT LISTED

EINECS NUMBER: NOT LISTED

MANUFACTURING METHOD: COLD PRESSED

MANUFACTURING DATE: 07/04/2018

BEST BEFORE DATE: 08/04/2019

ANALYTICAL DETAILS	RANGE (%)	RESULTS
APPEARANCE	OILY LIQUID (ROOM TEMP), SOFT BUTTER (COOL TEMP)	-
ODOUR	ODOURLESS	-
COLOUR	WHITE – IVORY - YELLOW	-
FREE FATTY ACID (%)	<4.0	2.5
SAPONIFICATION VALUE	180.0 – 200.0	187.0
PEROXIDE VALUE (MEQ O ₂ / KG)	<20.0	3.0
ACID VALUE	<10.0	4.8
IODINE VALUE	70 - 86	72.0

FATTY ACID PROFILE		RANGE %	RESULTS
C-CHAIN	ACID NAME		
C16:0	PALMITIC	9.0 – 15.0	9.5
C18:0	STEARIC	5.0 – 12.0	7.0
C18:1	OLEIC	60.0 – 85.0	63.0
C18:2	LINOLEIC	4.0 – 12.0	5.9
C18:3	LINOLENIC	<1.0	0.8
C20:0	ARACHIDIC	<1.0	0.7