

CERTIFICATE OF ANALYSIS

PRODUCT NAME: MARULA SEED OIL, COLD PRESSED
LOT NUMBER: LOT0003063
PRODUCT INCI: SCLEROCARYA BIRREA SEED OIL
PRODUCT CODE: K0288
CAS NUMBER: NOT LISTED
EINECS NUMBER: NOT LISTED
MANUFACTURING METHOD: COLD PRESSED
MANUFACTURING DATE: 25/04/2019
BEST BEFORE DATE: 25/10/2020

ANALYTICAL DETAILS	RANGE %	RESULTS
APPEARANCE	OILY LIQUID (ROOM TEMP), SOFT BUTTER (COOL TEMP)	-
ODOUR	ODOURLESS	-
COLOUR	WHITE – IVORY - YELLOW	-
FREE FATTY ACID (%)	<4.0	-
SAPONIFICATION VALUE	180.0 – 200.0	189.0
PEROXIDE VALUE (MEQ O ₂ / KG)	<20.0	0.47
ACID VALUE	<10.0	3.92
IODINE VALUE	70 - 86	70.89

FATTY ACID PROFILE		RANGE %	RESULTS
C-CHAIN	ACID NAME		
C16:0	PALMITIC	9.0 – 15.0	12.18
C18:0	STEARIC	5.0 – 12.0	8.58
C18:1	OLEIC	60.0 – 85.0	69.92
C18:2	LINOLEIC	4.0 – 12.0	7.45
C18:3	LINOLENIC	<1.0	0.06
C20:0	ARACHIDIC	<1.0	0.66