

## CERTIFICATE OF ANALYSIS

**PRODUCT NAME: JOJOBA SEED OIL, REFINED**  
 Bomar Batch: R0242 (LOT NUMBER: LOT001 1712)  
 PRODUCT INCI: SIMMONDSIA CHINENSIS SEED OIL  
 PRODUCT CODE: K0237  
 CAS NUMBER: 90045-98-0  
 EINECS NUMBER: 289-964-3  
 MANUFACTURING METHOD: COLD PRESSED & REFINED  
 MANUFACTURING DATE: 01/06/2021  
 BEST BEFORE DATE: 01/06/2024

ANALYTICAL DETAILS	RANGE %	RESULTS
APPEARANCE	OILY LIQUID	-
COLOUR	CLEAR – LIGHT YELLOW	-
COLOUR (GARDNER)	<8.0	0.2
ODOUR	ODOURLESS	-
SPECIFIC GRAVITY @ 20°C	0.863 – 0.873	0.866
REFRACTIVE INDEX @ 20°C	1.465 – 1.467	1.466
SAPONIFICATION VALUE	85.0 – 98.0	89.4
UNSAAPONIFIABLE MATTER	45.0 – 55.0	46.1
FREE FATTY ACID (% AS OLEIC)	<1.0	0.06
PEROXIDE VALUE	<2.0	0.0
IODINE VALUE	80 - 92	85.4
ACID VALUE	<1.0	0.18

FATTY ACID PROFILE		RANGE %	RESULTS
C-CHAIN	ACID NAME		
C16:0	PALMITIC	<3.0	1.4
C16:1	PALMITOLEIC	<1.0	<0.1
C18:1	OLEIC	5.0 – 15.0	11.96
C20:1	EICOSENOIC	60.0 – 80.0	67.26
C22:0	BEHENIC	< 1.0	0.23
C22:1	ERUCIC	10.0 – 20.0	16.69
C24:1	NERVONIC	<3.0	1.88

The attached information is considered to be correct at the time the client received this information. Please be aware that detail can change and we encourage clients to update their records with Bomar regularly. The information is not and should not be considered a guarantee or warranty, or a part of our contractual or other legal obligations. The information is not to be disclosed to others, reproduced or transmitted in whole or in part without permission from Bomar.