

CERTIFICATE OF ANALYSIS

PRODUCT NAME: **PRICKLY PEAR SEED OIL, REFINED**

Bomar Batch: Q0805 (LOT NUMBER: LOT0014674)

PRODUCT INCI: OPUNTIA FICUS-INDICA SEED OIL

PRODUCT CODE: K0839

CAS NUMBER: 90082-21-6

EINECS NUMBER: 290-109-1

MANUFACTURING DATE: 08/03/2022

BEST BEFORE DATE: 08/03/2024

ANALYTICAL DETAILS	RANGE %	RESULTS
APPEARANCE	OILY LIQUID	-
ODOUR	CHARACTERISTIC	-
COLOUR	YELLOW	-
SPECIFIC GRAVITY @ 20°C	0.915 – 0.925	0.918
IODINE VALUE	120.0 – 135.0	128.0
PEROXIDE VALUE (MEQ O ₂ / KG)	<5.0	1.2
SAPONIFICATION VALUE	183.0 - 195	190
FREE FATTY ACID	<0.5	0.1

FATTY ACID PROFILE		RANGE %	RESULTS
C-CHAIN	ACID NAME		
C16:0	PALMITIC	10.0 – 20.0	12.8
C16:1	PALMITOLEIC	<2.0	1.2
C18:0	STEARIC	2.0 - 5.0	2.9
C18:1	OLEIC	15.0 – 30.0	26.6
C18:2	LINOLEIC	50.0 – 65.0	53.8
C18:3	LINOLENIC	1.50 – 4.0	1.7

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