

SPECIFICATION SHEET

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

PRODUCT INCI: OPUNTIA FICUS-INDICA SEED OIL

PRODUCT CODE: K0839

CAS NUMBER: 90082-21-6

EINECS NUMBER: 290-109-1

SHELF LIFE: 24 MONTHS

DOCUMENTATION REVIEWED: 2021

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

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

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