

BOMAR

CERTIFICATE OF ANALYSIS

PRODUCT NAME: PEACH KERNEL OIL, REFINED

Bomar Batch Number: P0928 (LOT NUMBER: LOT0012766)

PRODUCT INCI: PRUNUS PERSICA KERNEL OIL

PRODUCT CODE: K0342

CAS NUMBER: 8002-78-6 / 8023-98-1 / 84012-34-0

EINECS NUMBER: 281-678-7

MANUFACTURING METHOD: EXPPELLER PRESSED & REFINED

MANUFACTURING DATE: 16/08/2021

BEST BEFORE DATE: 16/08/2023

ANALYTICAL DETAILS	RANGE %	RESULTS
APPEARANCE	OILY LIQUID	-
COLOUR	CLEAR – LIGHT YELLOW	-
COLOUR (LOVIBOND)	<20Y, 2.0R	6Y/0.9R
ODOUR	ODOURLESS	-
RELATIVE DENSITY @ 20°C	0.910 – 0.920	0.913
REFRACTIVE INDEX @ 20°C	1.460 – 1.475	1.468
SAPONIFICATION VALUE	185.0 – 200.0	191.0
UNSAAPONIFIABLE MATTER	<1.5	0.6
FREE FATTY ACID (% AS OLEIC)	<0.5	0.1
PEROXIDE VALUE	<10.0	0.6
IODINE VALUE	90.0 – 115.0	103.0

FATTY ACID PROFILE		RANGE %	RESULTS
C-CHAIN	ACID NAME		
C16:0	PALMITIC	3.5–7.0	6.3
C16:1	PALMITOLEIC	<1.0	0.1
C18:0	STEARIC	1.5 – 4.0	2.8
C18:1	OLEIC	55.0 – 70.0	64.9
C18:2	LINOLEIC	18.0 – 35.0	24.4
C18:3	LINOLENIC	<1.5	0.2
C20:0	ARACHIDIC	<0.5	0.2
C20:1	ICOSENOIC	<0.5	0.2
C22:0	BEHENIC	<0.4	0.3
C24:0	LIGNOCERIC	<0.5	0.2

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