

CERTIFICATE OF ANALYSIS

PRODUCT NAME: PEACH KERNEL OIL, REFINED

LOT NUMBER: R0512 (LOT0018274)

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: EXPELLER PRESSED & REFINED

MANUFACTURING DATE: 29/03/2023

BEST BEFORE DATE: 29/03/2025

ANALYTICAL DETAILS	RANGE %	RESULTS
APPEARANCE	OILY LIQUID	-
COLOUR	CLEAR – LIGHT YELLOW	-
COLOUR (LOVIBOND)	<20Y, 2.0R	5.0Y, 0.7R
ODOUR	ODOURLESS	-
RELATIVE DENSITY @ 20°C	0.910 – 0.920	0.915
REFRACTIVE INDEX @ 20°C	1.464 – 1.473	1.471
SAPONIFICATION VALUE	185.0 – 195.0	191.0
UNSATURATED MATTER	<1.5	0.5
FREE FATTY ACID (% AS OLEIC)	<0.5	0.1
PEROXIDE VALUE	<10.0	0.6
IODINE VALUE	95.0 – 115.0	108.0

FATTY ACID PROFILE		RANGE %	RESULTS
C-CHAIN	ACID NAME		
C16:0	PALMITIC	4.0 – 7.0	6.6
C16:1	PALMITOLEIC	<1.0	0.1
C18:0	STEARIC	1.5 – 3.0	2.6
C18:1	OLEIC	55.0 – 70.0	60.4
C18:2	LINOLEIC	18.0 – 30.0	29.0
C18:3	LINOLENIC	<1.5	0.2
C20:0	ARACHIDIC	<0.5	0.2
C20:1	ICOLENIC	<0.5	0.2
C22:0	BEHENIC	<0.3	0.3
C24:0	LIGNOCERIC	<0.5	0.1

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