

CERTIFICATE OF ANALYSIS

PRODUCT NAME: PEACH KERNEL OIL, REFINED

Batch: S0190 (LOT NUMBER: LOT0016687)

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: 16/10/2023

BEST BEFORE DATE: 16/10/2025

ANALYTICAL DETAILS	RANGE %	RESULTS
APPEARANCE	OILY LIQUID	-
COLOUR	CLEAR – LIGHT YELLOW	-
COLOUR (LOVIBOND)	≤20Y, 2.0R	6.0R, 0.9Y
ODOUR	ODOURLESS	-
RELATIVE DENSITY @ 20°C	0.910 – 0.920	0.915
REFRACTIVE INDEX @ 20°C	1.464 – 1.473	1.470
SAPONIFICATION VALUE	185.0 – 195.0	190.0
UNSATURIFIABLE MATTER	≤1.5	0.9
FREE FATTY ACID (% AS OLEIC)	≤0.5	0.1
PEROXIDE VALUE	≤10.0	0.4
IODINE VALUE	95.0 – 115.0	106.0

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	2.8
C18:1	OLEIC	55.0 – 70.0	60.6
C18:2	LINOLEIC	18.0 – 30.0	28.1
C18:3	LINOLENIC	≤1.5	0.2
C20:0	ARACHIDIC	≤0.5	0.3
C20:1	ICOLENIC	≤0.5	0.2
C22:0	BEHENIC	≤0.7	0.7
C24:0	LIGNOCERIC	≤0.5	0.3

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