

CERTIFICATE OF ANALYSIS

PRODUCT NAME: PEACH KERNEL OIL, REFINED

LOT NUMBER: LOT0003868

PRODUCT INCI: PRUNUS PERSICA KERNEL

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: 13/08/2019

BEST BEFORE DATE: 13/08/2021

ANALYTICAL DETAILS	RANGE %	RESULTS
APPEARANCE	OILY LIQUID	-
COLOUR	CLEAR – LIGHT YELLOW	-
COLOUR (LOVIBOND)	<20Y, 2.0R	7Y, 0.9R
ODOUR	ODOURLESS	-
RELATIVE DENSITY @ 20°C	0.910 – 0.920	0.914
REFRACTIVE INDEX @ 20°C	1.460 – 1.475	1.470
SAPONIFICATION VALUE	185.0 – 200.0	191.0
UNSAAPONIFIABLE MATTER	<2.0	0.5
FREE FATTY ACID (% AS OLEIC)	<1.0	0.1
PEROXIDE VALUE	<15.0	0.9
IODINE VALUE	90.0 – 115.0	106.0
ACID VALUE	<1.0	-

FATTY ACID PROFILE		RANGE %	RESULTS
C-CHAIN	ACID NAME		
C16:0	PALMITIC	3.5– 7.0	6.7
C16:1	PALMITOLEIC	<1.4	0.2
C18:0	STEARIC	1.5 – 4.0	2.5
C18:1	OLEIC	55.0 – 70.0	60.9
C18:2	LINOLEIC	18.0 – 35.0	27.8
C18:3	ALPHA LINOLENIC	<1.5	0.3
C20:0	ARACHIDIC ACID	<0.5	0.3
C20:1	EICOSENOIC ACID	<0.5	0.3
C22:0	BEHENIC ACID	<0.4	0.3
C24:0	LIGNOCERIC ACID	<0.5	0.2