

CERTIFICATE OF ANALYSIS

PRODUCT NAME: AVOCADO OIL, REFINED

LOT NUMBER: Lot0000035

PRODUCT INCI: PERSEA GRATISSIMA OIL

PRODUCT CODE: K0042

CAS NUMBER: 8024-32-6

EINECS NUMBER: 232-428-0

MANUFACTURING METHOD: EXPPELLER PRESSED, REFINED

MANUFACTURING DATE: 04/04/2018

BEST BEFORE DATE: 30/09/2019

ANALYTICAL DETAILS	RANGE %	RESULTS
APPEARANCE	CLEAR OILY LIQUID	-
ODOUR	ODOURLESS	-
COLOUR	LIGHT YELLOW	-
COLOUR LOVIBOND (5.25" CELL)	≤ 35y, 3.5r	16y / 1.2r
REFRACTIVE INDEX @ 20°C	1.460 – 1.475	1.473
FREE FATTY ACID (% AS OLEIC)	< 0.5	0.1
SPECIFIC GRAVITY @ 20°C	0.910 – 0.925	0.917
PEROXIDE VALUE (MEQ O ₂ / KG)	<10.0	0.9
IODINE VALUE	80.0 – 95.0	86.0
ACID VALUE	<1.0	0.3
SAPONIFICATION VALUE (MG KOH/GR)	176.0 – 199.0	192.0
UNSAAPONIFIABLE MATTER	<1.5	0.5

FATTY ACID PROFILE		RANGE %	RESULTS
C-CHAIN	ACID NAME		
C16:0	PALMITIC	10.0 – 20.0	13.6
C16:1	PALMITOLEIC	1.0 – 10.0	1.2
C18:0	STEARIC	< 3.0	2.8
C18:1	OLEIC	50.0 – 75.0	68.4
C18:2	LINOLEIC	6.0 – 20.0	11.4
C18:3	LINOLENIC	< 2.0	1.1
C20:1	EICOSENOIC	< 1.0	0.4
C22:0	BEHENIC	< 0.6	0.1

FREE FROM TESTS

APRICOT & PEACH KERNAL OIL	PASS
SESAME SEED OIL	PASS
COTTONSEED OIL	PASS
ARACHIS OIL	PASS
MINERAL OIL	PASS
FOREIGN OILS	PASS