

## CERTIFICATE OF ANALYSIS

PRODUCT NAME	AVOCADO CRUDE OIL
LATIN NAME	<i>Persea americana</i>
CAS NO	8007-69-0
PRODUCT CODE	PCAVOCR01
MANUFACTURE DATE	12/2018
EXPIRY DATE	12/2023
BATCH NUMBER	AVOC1218DAO
COUNTRY OF ORIGIN	SOUTH AFRICA
PART OF PLANT USED	SEEDS (COLD PRESSED)
ORIGINAL DATE ISSUED	13/12/2018
DATE DISPATCHED	29/01/2019

ANALYTICAL DETAILS	SPECIFICATIONS	RESULTS
COLOUR	DARK GREEN	COMPLIES
ODOUR	BALSMIC ODOURLESS AROMA	COMPLIES
PHYSICAL STATE	THIN VISCOUS LIQUID	COMPLIES
REFRACTIVE INDEX (20°C)	1.4671 - 1.4706	1.4689
RELATIVE DENSITY (20°C)	0.910 - 0.920	0.9123
OPTICAL ROTATION	N/A	N/A
PEROXIDE VALUE (meq/kg oil)	<10	5.56
SAPONIFICATION (mg KOH/g sample)	187-197	189.9
IODINE VALUE	75-95	83.80
ACID VALUE (mg KOH to saponify 1g sample)	Max. 1	2.53
FREE FATTY ACIDS (g oleic acid /100g oil)	<2	1.27

COMPONENTS		SPECIFICATION (%)	RESULTS (%)
PALMITIC ACID	C16:0	5 - 25	18.44
PALMITOLEIC ACID	C16:1	1 - 12	5.53
STEARIC ACID	C18:0	0.5 - 3	0.61
OLEIC ACID	C18:1	50 - 74	59.55
LINOLEIC ACID	C18:2	6 - 20	14.37
LINOLENIC	C18:3	Max. 3	1.08
ARACHIDIC	C20:0	Max. 1	<0.28
EICOSENOIC	C20:1	Max. 1	<0.28
BEHENIC ACID	C22:0	Max. 1	NONE DETECTED
EURIC ACID	C22:1	Max. 1	NONE DETECTED

STORAGE CONDITIONS	STORE IN A COOL DARK PLACE
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