

## Certificate of Analysis

Product	Avocado (Organic) Refined
Botanical Name	<i>Persea gratissima (Avocado) Oil</i>
Batch	29916-06
Origin	South Africa
Plant Part	Fruit
Extraction	Cold Pressed

<b>ANALYTICAL TEST</b>	<b>SPECIFICATION RANGE</b>	<b>RESULT</b>
Appearance	Clear liquid, light yellow to yellow green	Conforms
Odour	Characteristic	Conforms
Colour (Lovibond 5.25" Cell)	≤35y, 3.5y	16y/1.2r
Relative Density @ 20°C (g/ml)	0.910 – 0.925	0.917
Refractive Index @ 20°C	1.468 – 1.475	1.473
Acid value (mgKOH/g)	≤ 1.0	0.30
Iodine value (mg/g)	80.0 – 95.0	86.0
Saponification value (mgKOH/g)	177 – 198	192.0
Unsaponifiable Matter (%)	≤ 1.5	0.50
Free Fatty Acid (% as Oleic)	≤ 0.5	0.15
Peroxide value (Meq/kg)	≤ 8.0	0.90
<b>Fatty Acid Profile (%)</b>		
C 16:0 Palmitic Acid	10.0 – 20.0	13.6
C 16:1 Palmitoleic Acid	1.0 – 10.0	1.2
C 18:0 Stearic Acid	≤ 3.0	2.8
C 18:1 Oleic Acid	50.0 – 75.0	68.4
C 18:2 Linoleic Acid	6.0 -20.0	11.4
C 18:3 Alpha Linolenic Acid	≤ 2.0	1.1
C 20:0 Arachidic Acid	≤ 1.0	0.1
C 20:1 Eicosenoic Acid	≤ 1.0	0.4
C 22:0 Behenic Acid	≤ 0.5	0.1

Retest Date September 2022