

# ASES CHEMICAL WORKS

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## CERTIFICATE OF ANALYSIS

1. Name of the Product	AVOCADO OIL
2. INCI Name	PERSEA GRATISSIMA OIL
3. CAS No	8024-32-6
4. Manufacturing Method:	Cold Pressed
5. Mfg. Date	As on Label 2024
6. Date Of Exp	As mentioned on Label
7. Date of Analysis	05-06-2024

Analytical details	Range %	Results
Appearance	Oily liquid	-
Odour	Characteristic	-
Colour	Yellow - green	-
Refractive index @ 20°C	1.462 – 1.476	1.469
Specific gravity @ 20°C	0.907 – 0.925	0.914
Peroxide value (meq o <sub>2</sub> / kg)	<20.0	2.0
Iodine value	70.0 – 95.0	80
Acid value	<8.0	5.77
Saponification value (mg koh/gr)	185.0 – 205.0	194
Unsaponifiable matter	<2.0	1.4

FATTY ACIDPROFILE		RANGE %	RESULTS
C-CHAIN	ACID NAME		
C16:0	PALMITIC	5.0 – 25.0	20.4
C16:1	PALMITOLEIC	1.0 – 12.0	6.9
C18:0	STEARIC	<3.0	0.8
C18:1	OLEIC	45.0 – 75.0	58.9
C18:2	LINOLEIC	5.0 – 20.0	11.3
C18:3	LINOLENIC	< 3.0	1.2