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CERTIFICATE OF ANALYSIS

PRODUCT NAME: AVOCADO OIL, REFINED

LOT NUMBER: LOT0025736

PRODUCT INCI: PERSEA GRATISSIMA OIL

PRODUCT CODE: K0042

MANUFACTURING DATE: 10/02/2025

BEST BEFORE DATE: 10/02/2027

ANALYTICAL DETAILS	RANGE %	RESULT
APPEARANCE	CLEAR OILY LIQUID	COMPLIES
ODOUR	ODOURLESS	COMPLIES
COLOUR	LIGHT YELLOW	COMPLIES
GARDNER	≤ 2.5	1.2
REFRACTIVE INDEX @ 20°C	1.465 – 1.475	1.469
RELATIVE DENSITY @ 20°C	0.910 – 0.925	0.921
FREE FATTY ACID (% AS OLEIC)	< 0.5	0.11
ACID VALUE (MGKOH/G)	< 1.0	0.22
PEROXIDE VALUE (MEQ O ₂ / KG)	< 10.0	0.94
SAPONIFICATION VALUE (MG KOH/GR)	180.0 – 200.0	197.0

FATTY ACID PROFILE		RANGE %	RESULT
C-CHAIN	ACID NAME		
C16:0	PALMITIC	2.0 – 25.0	7.1
C16:1	PALMITOLEIC	≤ 10.0	1.0
C18:0	STEARIC	≤ 5.0	2.7
C18:1	OLEIC	55.0 - 75.0	68.5
C18:2	LINOLEIC	10.0 – 25.0	19.5
C18:3	LINOLENIC	≤ 2.0	0.2

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