

BOLETÍN DE ANÁLISIS

Description: Avocado Oil

Lot No: 105607

Inci Name: Persea Gratissima (Avocado) Oil

Cas No: 8024-32-6

Einecs No: 232-428-0

ANALYTICAL DETAILS	RANGE	RESULT
APPEARANCE @ 20°C	Clear liquid	Conforms
COLOUR	Light yellow to yellow green	Conforms
ODOUR	Almost odourless	Conforms
COLOUR (LOVIBOND 5.25" CELL)	≤ 3.5r	1.7r
SPECIFIC GRAVITY @ 20°C	0.910 – 0.925	0.917
REFRACTIVE INDEX @ 20°C	1.468 – 1.475	1.471
FREE FATTY ACID (% AS OLEIC)	≤ 0.5	0.1
IODINE VALUE (gr _{I2} /100gr)	80 - 95	85
PEROXIDE VALUE (MeqO ₂ / kg)	≤ 8.0	1.2
SAPONIFICATION VALUE	177 – 198	192
UNSAPONIFIABLE MATTER	≤ 1.5	0.6
ACID VALUE	≤ 1.0	0.2

FATTY ACID PROFILE (MAJOR ACIDS)	ACID NAME	C-CHAIN	RANGE	RESULT
	PALMITIC	C16:0	10.0 – 20.0	14.3
PALMITOLEIC	C16:1	1.0 – 10.0	2.1	
STEARIC	C18:0	≤ 3.0	2.4	
OLEIC	C18:1	50.0 – 75.0	68.2	
LINOLEIC	C18:2	6.0 – 20.0	10.8	
ALPHA LINOLENIC	C18:3	≤ 2.0	1.1	
EICOSENOIC	C20:0	≤ 1.0	0.4	

Best Before: January 2021