



DOĞASA İLAÇ GIDA KOZM. SAN. VE TİC. LTD. ŞTİ.

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PRODUCT NAME: CHERRY KERNEL OIL

CERTIFICATE OF ANALYSIS

Description The product is natural and is obtained from cherry kernel.
Recommended Storage Store in airtight containers in cool and dry place away from light & heat.
Caution Avoid contact with skin and eyes.

PHYSICAL ANALYSIS	METHOD	SPECIFICATION	RESULT
Color	Visual	Colorless to Pale yellow (Yellow)	Complies
Appearance	Visual	Free flowing Liquid	Complies
Odor	Smell	Almost odorless	Complies

Typical Analysis

Refractive Index @ 20°C	1.463-1.480
Specific Gravity @ 20°C	0.910-0.925 (g/ mL)
Saponification Value	180-200 (mgKOH/ g)
Peroxide Value (meq O ₂ / kg)	<5
Iodine Value (g I ₂ / 100 g)	120-135
Free Fatty Acids (% oleic)	<5
Acid Value (mgKOH/ g)	<1
Solubility	Soluble in carrier oils, insoluble in water.

GC-MS Analysis	METHOD	QUANTITY
Palmitic Acid	GC-MS	% 5,20 - 10,03
Alpha-Linoleic Acid	GC-MS	% 9,75 - 10,00
Stearic Acid	GC-MS	% 1,05 - 4,00
Oleic Acid	GC-MS	% 25,90 - 45,44
Linoleic Acid	GC-MS	% 39,73 - 55,00

Checked By
QC

Verified By
QA

Approved By
R&D MANAGER

Date:04.01.2023

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