

TECHNICAL DATA SHEET

Product Name	OLIVE OIL, EXTRA VIRGIN
Botanical Name	Olea Europaea
Product Code	PCO4012
CAS #	8001-25-0
FEMA #	4801
EINECS #	232-277-0
INCI Name	Olea europaea (Olive) Fruit Oil

Part Used	Fruit pulp
Extraction Method	Cold Pressed
Quality	100% Pure and Natural

<u>PROPERTIES</u>	<u>SPECIFICATIONS</u>
Appearance	Light yellow to olive green colored liquid
Odour	Rich, characteristic odour
Specific Gravity (g/mL)	0.910 - 0.930 @ 25°C
Saponification Value (mgKOH/g)	185 - 200
Peroxide Value (meq O₂/kg)	Less than 15
Iodine Value (g I₂/100g)	75 - 95
Free Fatty Acids (% oleic)	Less than 1.5
Acid Value (mgKOH/g)	Less than 3.0
Solubility	Soluble in alcohols and fixed oils; Insoluble in water

FATTY ACID COMPOSITION:

<u>FATTY ACID</u>	<u>C-CHAIN</u>	<u>SPECIFICATIONS (%)</u>
Palmitic Acid	C16:0	7.00 – 20.00
Stearic Acid	C18:0	0.50 – 5.00
Oleic Acid	C18:1 (n-9)	55.00 – 83.00
Linoleic Acid	C18:2 (n-6)	3.50 – 21.00
Alpha-Linolenic Acid	C18:3 (n-3)	Maximum 1.50

As it is electronically generated document, hence no signature required.

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