

CERTIFICATE OF ANALYSIS

Product: Plum Kernel Carrier Oil
 Lot No.: 15112B10520
 Best Before: May, 2022

Store in air tight container; in a cool dry area; away from direct sunlight.

<u>Properties</u>	<u>Specifications</u>	<u>Results</u>
Appearance:	Light yellow to yellow clear liquid.	Complies
Odor:	Characteristic odor.	Complies
Moisture:	Maximum 0.5 %	0.2
Peroxide Value:	Maximum 5.0 mEq/kg	1.5
Saponification Value:	90 - 105 mg KOH/g	Complies
Acidity (as oleic acid):	Maximum 0.5 %	0.5
Specific Gravity:	0.910 to 0.960	0.920
Refractive Index:	1.460 - 1.480 @ 20°C	1.470

Fatty Acid Composition

Oleic Acid (C18:1n9c):	60.0 - 80.0 %	71.8
Linoleic Acid (C18:2n6c):	15.0 - 25.0 %	18.6
Palmitic acid (C16:0):	5.0 - 10.0 %	6.5
Stearic acid (C18:0):	Maximum 4 %	1.3
Linolenic Acid (C18:3n3):	0.1 - 3.0 %	0.09
Arachidic Acid (C20:0)	Maximum 0.5 %	0.1

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CERTIFICATE OF ANALYSIS

Product: Plum Kernel Carrier Oil
 Lot No.: 15112A10120
 Best Before: January, 2022

Store in air tight container; in a cool dry area; away from direct sunlight.

<u>Properties</u>	<u>Specifications</u>	<u>Results</u>
Appearance:	Light yellow to yellow clear liquid.	Complies
Odor:	Characteristic odor.	Complies
Moisture:	Maximum 0.5 %	0.2
Peroxide Value:	Maximum 5.0 mEq/kg	1.5
Saponification Value:	90 - 105 mg KOH/g	99
Acidity (as oleic acid):	Maximum 0.5 %	0.5
Specific Gravity:	0.910 to 0.960	0.920
Refractive Index:	1.460 - 1.480 @ 20°C	1.470

Fatty Acid Composition

Oleic Acid (C18:1n9c):	60.0 - 80.0 %	69.8
Linoleic Acid (C18:2n6c):	15.0 - 25.0 %	23.0
Palmitic acid (C16:0):	5.0 - 10.0 %	5.5
Stearic acid (C18:0):	Maximum 4 %	1.2
Linolenic Acid (C18:3n3):	0.1 - 3.0 %	0.1
Arachidic Acid (C20:0)	Maximum 0.5 %	0.04

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