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**EXTRA VIRGIN OLIVE OIL  
 MATERIAL SPECIFICATIONS**

**PRODUCT DESCRIPTION:** Full-bodied, imported Extra Virgin Olive Oil. This oil has a powerful flavor but is smooth and sweet with no bitterness or acid after-taste. This product is first pressed using expeller methods.

**STORAGE:** Store in a cool dry place ( 50 to 68 degrees F optimum) away from heat and oxidizers. Properly stored unopened containers have an expected shelf life of up to 12 months

**TYPICAL ANALYSIS**

Free acidity (% m/m expressed in oleic acid)		≤	.8
Absorbtion in ultra-violet:			
	at 270 nm	≤	0.22
	delta K	≤	0.01
	232 nm	≤	2.50
Peroxide Value		≤	20
Specific Gravity			.910 - .920
Fatty Acid Composition (% m/m methyl esters)			
C14:0	Myristic acid		0.0 - 0.05
C16:0	Palmitic acid		7.5 - 20.0
C16:1	Palmitoleic acid		0.3 - 3.5
C17:0	Heptadecanoic acid		0.0 - 0.3
C17:1	Heptadecenoic acid		0.0 - 0.3
C18:0	Stearic acid		0.5 - 5.0
C18:1	Oleic acid		55.0 - 83.0
C18:2	Linoleic acid		3.5 - 21.0
C18:3	Linolenic acid		0.0 - 0.9
C20:0	Arachidic acid		0.0 - 0.6
C20:1	Gadoleic acid (eicosenoic)		0.0 - 0.4
C22:0	Behenic acid		0.0 - 0.2
C24:0	Lignoceric acid		0.0 - 0.2
Maximum difference between the real and theoretical ECN 42 content		≤	0.3

Extra Virgin Olive Oil cont'd

Trans Fatty Acid Content (%)

Extra Virgin Olive Oil has 0 percent Trans Fatty Acid per serving size

C18:1T	≤	0.05
C18:2T + C18: 3T	≤	0.05

Saturated fatty acid content in the 2 position in the tryglycerides: sum of the palmitic and stearic acids (%)	≤	1.5
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Sterol Composition:

individual sterols (% of total sterols):

cholesterol	≤	0.5
brassicasterol	≤	0.1
campesterol	≤	4.0
stigmasterol	<	campesterol
delta-7 stigmastenol	≤	0.5
beta-sitosterol (apparent)	≥	93

total sterols (mg/100g)	≥	1000
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Erythrodiol + uvaol (% of total sterols)	≤	4.5
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Steroidal hydrocarbons

Stigmastadienes (ppm)	≤	0.15
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Wax content (mg/kg)

C40 + C42 + C44 + C46	≤	250
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