



SPECIFICATIONS ACCORDING TO 1989/2003(E.U. REGULATION)

COMODITY:EXTRA VIRGIN OLIVE OIL

Determination	Units	Limit	Determination	Units	Limit
Acidity	%	M 0,8	ΔECN 42	-	M 0,2
Absorbance in UV	-	-			
K270	-	M 0,22	Stigmastadienes	mg/kg	M 0,10
K232	-	M 2,50			
ΔK	-	M 0,01	Waxes	mg/kg	M 250
Peroxide Value	meqO ₂ /kg	M 20,0			
Halogenated volatile					
solvents - total	ppb	M 200			
Individual solvent	ppb	M 100	Sterols	mg/kg	m1000
			cholesterol	%	M 0,5
			brassicasterol	%	M 0,1
Fatty Acids	%	-	24-methylcholesterol	%	-
C14:0 (myristic)		M 0,05	campesterol	%	M 4,0
C16:0 (palmitic)		7,5-20,0	campestanol	%	-
C16:1 (palmitoleic)		0,3-3,5	stigmasterol	%	<camp
C17:0 (heptadecanoic)		? 0,3	δ7-campestanol	%	-
C17:1 (heptadecenoic)		? 0,3	δ5,23-stigm/dienol	%	-
C18:0 (stearic)		0,5-5,0	clerosterol	%	-
C18:1 (oleic)		55,0-83,0	β-sitosterol	%	-
C18:2 (linoleic)		3,5-21,0	sitostanol	%	-
C18:3 (linolenic)		M 1,0	δ5-avenasterol	%	-
C20:0 (eicosanoic)		M 0,6	δ5,24-stigm/dienol	%	-
C20:1 (eicosenoic)		M 0,4	δ7-stigmastenol	%	M 0,5
C22:0 (behenic)		M 0,2	δ7-avenasterol	%	-
C22:1 (erucic)		-	erythrodiol	%	
C24:0 (lignoceric)		M 0,2	uvaol	%	
trans C18:1		M 0,05	erythrodiol+uvaol	%	M 4,5
trans C18:2+18:3		M 0,05	Total β-sitosterol	%	m 93,0

M:max, m:min.