

<b>Article</b>	<b>7322</b>	<b>Oleum Olivarum EXTRA VIERGE</b>
<b>Synonym</b>		<b>Natives Olivenöl</b>
<b>Batch</b>	<b>133501</b>	
<b>Specification</b>	<b>PH.EUR. 7.2</b>	
<b>Expiry date</b>	<b>11.2014</b>	

Test	Specification	Result
Characters	In accordance	Complies
-Appearance	In accordance	Complies
-Solubility	In accordance	Complies
-Relative density	Ca. 0,913	0,9133
Identification	In accordance	Complies
-Thin-layer chromatography	In accordance	Complies
Tests	In accordance	Complies
-Absorbance 270nm/ratio	Max 0,20 / min 8	0,13/13,9
-Acid value	Max 2,0	0,7
-Peroxide value	Max 20,0	10,9
-Unsaponifiable matter m/m	Max 1,5 %	Max 1,5 %
-Sesame oil	Not detectable	Negative
-Water	Max 0,1 %	0,10 %
Composition of fatty acids	In accordance	Complies
-Saturated fatty acids chain length <C16	Max 0,1 %	Max 0,05 %
-Palmitic acid	7,5 - 20,0 %	11,4 %
-Palmitoleic acid	Max 3,5 %	0,9 %
-Stearic acid	0,5 - 5,0 %	3,3 %
-Oleic acid	56,0 - 85,0 %	77,4 %
-Linoleic acid	3,5 - 20,0 %	5,4 %
-Linolenic acid	Max 1,2 %	0,7 %
-Arachidic acid	Max 0,7 %	0,4 %
-Eicosenoic acid	Max 0,4 %	0,3 %
-Behenic acid	Max 0,2 %	0,1 %
-Lignoceric acid	Max 0,2 %	0,1 %
Sterols	In accordance	Complies
-Cholesterol	Max 0,5 %	0,1 %
-Campesterol	Max 4,0 %	3,3 %
-delta 7-Stigmastenol	Max 0,5 %	0,3 %

## Certificate of analysis

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Test	Specification	Result
-Sum	Min 93,0 %	94,8 %
-Stigmastenol	Max Campesterol	0,7 %
Antioxidant	Amount/Name	None
Complies specification	*****	Yes

Release date	13.11.2013	Head of Quality Control	Fr. Dr.Haßel
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