



Brussels, 9 January 2018  
Ref.18SPEC006

## FEDIOL specifications for Sunflower Oil (SFO)

**The specifications developed by FEDIOL, in cooperation with its members, are non-binding recommendations developed for the use in the contract of members and non-members.**

<b>Fatty acids</b>	<b>Specifications</b>
C6:0	ND
C8:0	ND
C10:0	ND
C12:0	ND-0.1
C14:0	ND-0.2
C16:0	5.0 – 7.6
C16:1	ND-0.3
C17:0	ND-0.2
C17:1	ND-0.1
C18:0	2.7 - 6.5
C18:1	14 – 39.4
C18:2	48.3 - 74
C18:3	ND – 0.3
C20:0	0.1 - 0.5
C20:1	ND – 0.3
C20:2	ND
C22:0	0.3 - 1.5
C22:1	ND - 0.3
C22:2	ND - 0.3
C24:0	ND - 0.5
C24:1	ND

ND – non-detectable, defined as 0.05%.



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<b>Characteristics</b>	<b>Specifications</b>
Relative Density	0.918 – 0.923 X = 20°C
Refractive index	1461 – 1468 (ND 40°C)
Saponification value	188 – 194 (mg KOH/g oil)
Iodine Value	118 - 141
Unsaponifiable matter	Max 15 g/kg

	<b>Specifications</b>
Cholesterol	ND - 0.7