



Brussels, 14 October 2019
Ref.18SPEC005 rev.1

FEDIOL specifications for High-Oleic Sunflower Oil (HOSO)

The specifications have been developed by FEDIOL in cooperation with its members. FEDIOL issues a non-binding recommendation to members and non-members to use them in their contracts.

Fatty acids	Specifications
C6:0	ND
C8:0	ND
C10:0	ND
C12:0	ND
C14:0	ND-0.1
C16:0	2.6 – 5.0
C16:1	ND-0.2
C17:0	ND-0.1
C17:1	ND-0.1
C18:0	2.0 – 6.2
C18:1	78 – 90.7
C18:2	2.1 - 17
C18:3	ND – 0.3
C20:0	0.2 - 0.5
C20:1	0.1 – 0.5
C20:2	ND
C22:0	0.3 – 1.6
C22:1	ND - 0.3
C22:2	ND
C24:0	ND - 0.5
C24:1	ND

ND – non-detectable, defined as 0.05%.



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Characteristics	Specifications
Relative Density	0.909 – 0.915 X = 25°C
Refractive index	1467 – 1471 (ND 25°C)
Saponification value	182 – 194 (mg KOH/g oil)
Iodine Value	80 – 90
Unsaponifiable matter	Max 15 g/kg

	Specifications
Cholesterol	ND - 0.5