



## PRODUCT SPECIFICATION

Product Name	Organic Sunflower Oil				
Date	25/06/2020	Product Code	WHC291	Rev	5
Description	This oil is produced by the refining, bleaching and deodorisation of the crude oil obtained from sunflower seeds.				
Appearance	Clear, Bright Liquid, Pale Yellow				
Odour	Bland or faint typical, free from rancid or foreign odours.				
Origin	Italy				
INCI Name	Helianthus Annuus Seed Oil				
CAS Number	8001-21-6	EC Number	232-273-9		

### TEST SPECIFICATION

Analytical Test		Specification Range
Fatty Acid Content (%)		0.1 Maximum
Peroxide Value (meq/kg)		1.0 Maximum
Iodine Value		112.0 – 145.0
Saponification Value		185.0 – 199.0
Refractive Index @ 20°C		1.460 – 1.476
Relative Density @ 20°C		0.92
Moisture (%)		0.1 Maximum
Smoke Point (°C)		200.0 Minimum
Flash Point (°C)		300.0 Minimum
Colour (Lovibond 5¼)		2.0 Red Maximum
Free Fatty Acid Content (%)		
C16:0	Palmitic Acid	4.0 – 9.0
C18:0	Stearic Acid	1.0 – 7.0
C18:1	Oleic Acid	14.0 – 40.0
C18:2	Linoleic Acid	48.0 – 74.0
C18:3	Linolenic Acid	0.5 Maximum

### STORAGE

Store in a cool, dry, well-ventilated place. Keep away from heat and sunlight.

### STABILITY

If stored for twenty-four months, check quality of product before use.



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**DISCLAIMER:** This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.

Please note as this is a wholly natural material some parameters, in particular, appearance, colour and odour, may change due to natural variation and climate change. This in no way affects the quality and efficacy of the product.