



NHR ORGANIC OILS
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Product Specification

Organic Wheatgerm Oil

(*Triticum vulgare*)

Trade Name:	Wheatgerm Oil Organic	INCI Name:	<i>Triticum Vulgare (Wheatgerm) Germ Oil</i>
CAS No:	68917-73-7 / 8006-95-9	EC No:	281-689-7
Country of Origin:	USA	Country of Manufacture:	USA
Description: The oil is obtained by cold pressing / expression from the wheat germ <i>Triticum vulgare</i> , Poaceae.			

ANALYTICAL DETAILS	UNIT	RANGE	TYPICAL RESULT
Appearance @ 20°C	Organoleptic	Clear oily mobile liquid sometimes hazy	Conforms
Colour	Organoleptic	Yellow to green to brown	Conforms
Odour	Organoleptic	Characteristic	Conforms
Refractive Index @ 20°C	-	1.472 – 1.478	Conforms
Specific Gravity @ 20°C	g/ml	0.920 – 0.930	Conforms
Acid Value	mg KOH/g	≤ 5.0	Conforms
Peroxide Value	meq O ₂ /kg	≤ 10.0	Conforms
Saponification Value	mg KOH/g	180 – 195	Conforms
Iodine Value	mg/g	120 – 135	Conforms
Unsaponifiable Matter	%	≤ 5.0	Conforms
Vitamin E Content	mg/kg	≥ 2500	Conforms
Gluten Content	ppm	≤ 5.0	Conforms
Flash Point (Closed Cup)	°C	>300°	Conforms

TYPE	ACID NAME	UNIT	RANGE	TYPICAL RESULT
C16:0	Palmitic	%	14 – 19	Conforms
C18:0	Stearic	%	≤ 2.0	Conforms
C18:1	Oleic	%	12 – 23	Conforms
C18:2	Linoleic	%	52 – 59	Conforms
C18:3	α-Linolenic	%	3 – 10	Conforms

Storage: Store in tightly closed original container in a dry, cool and well-ventilated place. Keep away from heat, sparks and open flame. Protect from freezing and direct sunlight.

Shelf Life: Once opened the shelf life of the oil is limited by temperature, light and oxygen exposure. Any remaining oil should be blanketed with nitrogen and used as soon as possible.