



Essential Oils Direct Ltd

Product Specification

Product Name	Wheatgerm Oil Unrefined				
Date	27/06/2017	Product Code	-	Rev	02
Description	Triticum Vulgare Germ Oil is the oil obtained from the expression or extraction of the Wheat Germ, <i>Triticum vulgare</i> , <i>Poaceae</i> .				
Appearance	Liquid, amber / golden				
Odour	Characteristic				
INCI Name	Triticum Vulgare Germ Oil				
CAS Number	68917-73-7/ 84012-44-2	EC Number	281-689-7		

TEST SPECIFICATION

ANALYTICAL TEST	SPECIFICATION RANGE
Specific Gravity @ 20°C (g/ml)	0.910 – 0.927
Refractive Index @ 20°C	1.464 – 1.479
Iodine Value (mg/g)	120.0 – 140.0
Peroxide Value (Meq/Kg)	≤ 10.0 (at time of production analysis)
Acid Value (mgKOH/g)	≤ 10.0
Fatty Acid Profile (%)	
C 16:0 Palmitic Acid	11.0 – 20.0
C 16:1 Palmitoleic Acid	≤ 1.0
C 18:0 Stearic Acid	0 – 3.6
C 18:1 Oleic Acid	12.0 – 38.0
C 18:2 Linoleic Acid	40.0 – 60.0
C 18:3 Linolenic Acid	4.0 -10.0
C 20:0 Arachidic Acid	≤ 1.0
C 20:1 Eicosenoic Acid	≤ 2.0

STORAGE

Store product in full, tightly closed containers in a cool dry place away from heat and sunlight.

STABILITY

When stored for more than 24 months, quality should be checked before use.