



PRODUCT SPECIFICATION SHEET FOR WHEATGERM OIL

GENERAL INFORMATION			
INCI Name	Triticum Vulgare Germ Oil		
Botanical source	<i>Triticum Vulgare</i>		
Botanical family	Poaceae		
Description	WHEAT GERM OIL is extracted from the germ of the Wheat kernel by cold pressing		
Status	Conventional / Organic		
Part of Plant Used	Germs		
Production Process	Cold Pressed		
Origin	Egypt		
Manufacturer	Pure Essential Oils & Herbs Co.		
REGULATORY INFORMATION			
FEMA	N/A	EINECS	281-689-7
FDA	182.2	CAS EINECS	68917-73-7
CAS TCSA	84012-44-2	Product Code	PCP-01200
PHYSICAL PROPERTIES			
Appearance	Pale yellow to pale Orange liquid	Saponification	180 – 195
odour/taste	Nearly odorless	Unsaponification Matter	Max 5.0
Solubility	Insoluble in water, Soluble in Alcohol and fixed Oils.	Free Fatty Acid	Max. 0.5
Refractive index @20°C	1.472 – 1.478	Peroxide	Max 10.0
Density @20°C	0.920 – 0.925	Flash Point	261
Acid Value	Max 5.0	Shelf Life	24 Months
Iodine value (g/100g)	120 – 135	Uses	Pharmaceutical Industries
Fatty Acid Profile			
PALMITIC C16:0	11 to 18	OLEIC C18:1	15 to 25
PALMITOLEIC C16:1	Max. 0.2	LINOLEIC C18:2	55 to 65
STEARIC C18:0	Max. 3.7	LINOLENIC C18:3	2 to 8

STABILITY AND STORAGE:

Keep in tightly closed container in a cool and dry place, protected from sunlight. When stored for more than 24 months, quality should be checked before use

Disclaimer:

The information contained in this specification is based on data considered to be accurate and reliable as at the date of the specification to the best of the supplier's knowledge and belief. It is user's obligation to determine the safe use of the product for its own applications or suitability for use since the conditions of use, handling, storage and disposal are beyond the supplier's control. The user should therefore take all necessary precautions to ensure the safe and suitable use of the product described in the specification

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Approved by:	QA	Version:	24 Jan. 2020
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