

Specification Sheet

Product: Natural Vitamin E oil (Tocopherol)

Description	Oil obtained by expeller pressing from the germ of 'Triticum vulgare' chemically refined, bleached and deodorized.		
Appearance	A pale-yellow oil, clear and bright at ambient temperatures.		
Odour	Almost odourless		
Customs Tariff Number	15 15 90 60		
Origin	European		
Application	Cosmetics		
Function	Bleaching, skin conditioning, Skin protecting		
INCI Name	Triticium Vulgare Germ Oil		
CAS Number	68917-73-7/84012-44-2	EC Number	-

TEST SPECIFICATION

Analytical Test	Specification Range
Acid Value	0.5 maximum
Peroxide Value	2 meq/kg maximum
Iodine Value	120 – 140
Colour (Lovibond 5¼")	3.0 red 30 yellow
Fatty Acid Profile (%):	
C16:0 Palmitic	11 – 20
C16:1 Palmitoleic	1 maximum
C18:0 Stearic	0 – 3.6
C18:1 Oleic	12 – 38
C18:2 Linoleic	40 – 60
C18:3 α -linolenic	4 - 10
C20:0 Arachidic	1 maximum
C20:1 Eicosenoic	2 maximum
Typical Values	
Specific Gravity (25°C)	0.91 – 0.92
Saponification Value	181 – 199
Refractive Index (40°C)	1.465 – 1.470

Storage: The product should be stored in unopened drums out of direct sunlight at a temperature of between 15 and 25°C. It is recommended that partially used drums should be purged with nitrogen to reduce the onset of oxidation.

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