

SPECIFICATION SHEET

PRODUCT NAME: WHEATGERM OIL, REFINED

PRODUCT INCI: TRITICUM VULGARE GERM OIL

PRODUCT CODE: K0484

CAS NUMBER: 68917-73-7 / 8006-95-9

EINECS NUMBER: 281-689-7

MANUFACTURING METHOD: EXPELLER PRESSED & REFINED

SHELF LIFE: 24 MONTHS

DOCUMENTATION REVIEWED: 2022

ANALYTICAL DETAILS	RANGE %
APPEARANCE	PALE YELLOW - CLEAR OILY LIQUID
ODOUR	ODOURLESS
SPECIFIC GRAVITY @ 20°C	0.910 – 0.930
REFRACTIVE INDEX @ 20°C (NR)	1.460 – 1.480
FREE FATTY ACID (% AS OLEIC)	≤ 1.0
IODINE VALUE (CALC)	115.0 – 140.0
PEROXIDE VALUE	<10.0
ACID VALUE	<2.0
SAPONIFICATION VALUE	180.0 – 198.0
UNSAAPONIFIABLE MATTER	<5.0
VITAMIN E	>1820

FATTY ACID PROFILE		RANGE %
C-CHAIN	ACID NAME	
C16:0	PALMITIC	10.0 – 16.0
C16:1	PALMITOLEIC	< 1.0
C18:0	STEARIC	< 4.0
C18:1	OLEIC	12.0 – 38.0
C18:2	LINOLEIC	40.0 – 59.0
C18:3	LINOLENIC	< 10.0
C20:0	ARACHIDIC	< 1.0
C20:1	EICOSENOIC	<1.0
C22:0	BEHENIC	< 1.0

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