

CERTIFICATE OF ANALYSIS

PRODUCT NAME: WHEATGERM OIL, REFINED

Bomar Batch: S0288 LOT0019487

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

MANUFACTURING DATE: 20/07/2023

BEST BEFORE DATE: 20/07/2025

ANALYTICAL DETAILS	RANGE %	RESULTS
APPEARANCE	PALE YELLOW - CLEAR OILY LIQUID	-
ODOUR	ODOURLESS	-
SPECIFIC GRAVITY @ 20°C	0.915 – 0.930	0.923
REFRACTIVE INDEX @ 20°C (NR)	1.473 – 1.476	1.474
FREE FATTY ACID (% AS OLEIC)	≤ 1.0	0.1
IODINE VALUE (CALC)	115.0 – 140.0	133.0
PEROXIDE VALUE	<10.0	0.6
ACID VALUE	<2.0	0.2
SAPONIFICATION VALUE	180.0 – 195.0	189.0
UNSAAPONIFIABLE MATTER	<5.0	0.9
VITAMIN E	>1820	2485.0

FATTY ACID PROFILE		RANGE %	RESULTS
C-CHAIN	ACID NAME		
C16:0	PALMITIC	10.0 – 16.0	11.1
C16:1	PALMITOLEIC	< 1.0	0.1
C18:0	STEARIC	1.0 – 4.0	3.7
C18:1	OLEIC	18.0 – 28.0	25.4
C18:2	LINOLEIC	50.0 – 59.0	54.6
C18:3	LINOLENIC	< 4.0	3.9
C20:0	ARACHIDIC	< 1.0	0.2
C20:1	EICOSENOIC	<0.5	0.3
C22:0	BEHENIC	< 0.4	0.2

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