

# BOMAR

## CERTIFICATE OF ANALYSIS

**PRODUCT NAME: WHEATGERM OIL, UNREFINED**

**Bomar Batch: R0681 (LOT NUMBER: LOT0018411)**

PRODUCT INCI: TRITICUM VULGARE GERM OIL

PRODUCT CODE: K0485

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

EINECS NUMBER: 281-689-7

MANUFACTURING DATE: 13/04/2023

BEST BEFORE DATE: 13/10/2024

ANALYTICAL DETAILS	RANGE %	RESULTS
APPEARANCE	OILY LIQUID	-
COLOUR	YELLOW – BROWN	-
ODOUR	ODOURLESS	-
SPECIFIC GRAVITY @ 20°C	0.910 – 0.927	0.916
REFRACTIVE INDEX @ 20°C	1.464 – 1.479	1.466
FREE FATTY ACID (% AS OLEIC)	≤5.0	0.2
PEROXIDE VALUE	≤10.0	5.4
ACID VALUE	≤10.0	0.4
IODINE VALUE (MG/G)	120.0 – 140.0	131.8

FATTY ACID PROFILE		RANGE %	RESULTS
C-CHAIN	ACID NAME		
C16:0	PALMITIC	11.0 – 20.0	12.4
C18:0	STEARIC	≤ 3.6	2.7
C18:1	OLEIC	12.0 – 38.0	22.6
C18:2	LINOLEIC	40.0 – 60.0	54.5
C18:3	ALPHA LINOLENIC	4.0 – 10.0	6.7
C20:1	EICOSENOIC	≤ 2.0	0.6

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