

BOMAR

CERTIFICATE OF ANALYSIS

PRODUCT NAME: WHEATGERM OIL, UNREFINED

Bomar Batch: R0116 (LOT NUMBER: LOT0010662)

PRODUCT INCI: TRITICUM VULGARE GERM OIL

PRODUCT CODE: K0485

CAS NUMBER: 68917-73-7 / 84012-44-2

EINECS NUMBER: 281-689-7

MANUFACTURING METHOD: UNREFINED

MANUFACTURING DATE: 05/03/2021

BEST BEFORE DATE: 05/12/2023

ANALYTICAL DETAILS	RANGE %	RESULTS
APPEARANCE	OILY LIQUID	-
COLOUR	YELLOW – BROWN	-
ODOUR	ODOURLESS	-
COLOUR (GARDNER)	>8.5	-
FREE FATTY ACID (% AS OLEIC)	<25.0	8.09
PEROXIDE VALUE	<20.0	0.40
ACID VALUE	<42.0	16.09
SAPONIFICATION VALUE	180 - 195	-

FATTY ACID PROFILE		RANGE %	RESULTS
C-CHAIN	ACID NAME		
C16:0	PALMITIC	11.0 – 19.0	17.6
C18:0	STEARIC	<2.0	0.5
C18:1	OLEIC	9.0 – 15.0	10.5
C18:2	LINOLEIC	54.0 – 60.0	58.5
C18:3	ALPHA LINOLENIC	6.0 – 10.0	9.4
C20:1	EICOSENOIC	<2.0	1.2

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