



THE OIL FAMILY

## CERTIFICATE OF ANALYSIS

PRODUCT NAME: VITAMIN E (WHEATGERM VARIETY)

LOT NUMBER: LOT0017897

PRODUCT INCI: TRITICUM VULGARE GERM OIL & TOCOPHEROL

PRODUCT CODE: K0742

CAS NUMBER: 68917-73-7 / 8006-95-9 & 59-02-9

EINECS NUMBER: - / 281-689-7 & 200-412-2

MANUFACTURING DATE: 23/02/2023

BEST BEFORE DATE: 23/02/2025

ANALYTICAL DETAILS	RANGE %	RESULTS
APPEARANCE	PALE YELLOW - CLEAR OILY LIQUID	-
ODOUR	ODOURLESS	-
SPECIFIC GRAVITY @ 20°C	0.910 – 0.930	0.921
REFRACTIVE INDEX @ 20°C (NR)	1.460 – 1.480	1.474
PEROXIDE VALUE (MEQ O <sub>2</sub> / KG)	<5.0	1.40
IODINE VALUE (CALC)	115.0 – 140.0	133.2
ACID VALUE	<1.0	0.4
SAPONIFICATION VALUE	180.0 – 198.0	187.4
VITAMIN E	>1500	2482

FATTY ACID PROFILE		RANGE %	RESULTS
<b>C-CHAIN</b>	<b>ACID NAME</b>		
C16:0	PALMITIC	10.0 – 16.0	11.5
C16:1	PALMITOLEIC	< 1.0	0.10
C18:0	STEARIC	< 4.0	3.50
C18:1	OLEIC	12.0 – 38.0	26.0
C18:2	LINOLEIC	40.0 – 59.0	55.1
C18:3	LINOLENIC	<10.0	3.45

The attached information is considered to be correct at the time the client received this information. Please be aware that detail can change and we encourage clients to update their records with O&3 regularly. The information is not and should not be considered a guarantee or warranty, or a part of our contractual or other legal obligations. The information is not to be disclosed to others, reproduced or transmitted in whole or in part without permission from O&3.

[WWW.OAND3.COM](http://WWW.OAND3.COM)