

Gracefrit Ltd
 209 Glasgow Road
 Longcroft
 Bonnybridge
 FK4 1QQ

CERTIFICATE OF ANALYSIS

PRODUCT NAME: VITAMIN E (TOCOPHEROL 70%)

LOT NUMBER: Lot0001294

PRODUCT INCI: NATURAL MIXED TOCOPHEROLS (70-72%) & HELIANTHUS ANNUUS SEED OIL (28-30%)

PRODUCT CODE: K0477

CAS NUMBER: 59-02-9

EINECS NUMBER: 200-412-2

MANUFACTURING METHOD: SHORT PATH DISTILLATION & INFUSED

MANUFACTURING DATE: 12/09/2018

BEST BEFORE END DATE: 12/09/2020

ANALYTICAL DETAILS	RANGE %	RESULTS
APPEARANCE	VISCOUS LIQUID	-
ODOUR	ODOURLESS	-
COLOUR	LIGHT BROWN – RED	-
TOTAL TOCOPHEROLS	>70.0	85.09
NON-ALPHA TOCOPHEROLS	>56.0	-
D-ALPHA TOCOPHEROLS	6.0 – 14.0	10.52
D-BETA & D-GAMMA TOCOPHEROLS	38.0 – 48.0	45.26
D-DELTA TOCOPHEROLS	13.0 – 22.0	14.95
ACIDITY	<1.0	0.5
TOTAL PLATE COUNT	<100.0	-
YEAST	<25.0	-
MOULDS	<25.0	-
COLIFORMS	<10.0	-
SALMONELLA	ABSENT/10G	PASS
E. COLI	NEGATIVE	PASS
STAPHYLOCOCCUS AUREUS	NEGATIVE	PASS
MYCOTOXINS	ABSENT	PASS
ORGANIC VOLATILE IMPURITIES	ABSENT	PASS
HEAVY METAL AS PB	<10.0	-
ARSENIC	<0.2	-
LEAD	<3.0	-
MERCURY	<0.1	-
CADMIUM	<0.2	-