

BOMAR

CERTIFICATE OF ANALYSIS

PRODUCT NAME: WHEATGERM OIL, UNREFINED

Bomar Batch No: Q0321 (LOT NUMBER: LOT0010661)

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: 05/03/2022

| ANALYTICAL DETAILS | RANGE % | RESULTS |
|------------------------------|----------------|---------|
| APPEARANCE | OILY LIQUID | - |
| COLOUR | YELLOW – BROWN | - |
| ODOUR | ODOURLESS | - |
| COLOUR (GARDNER) | >8.5 | - |
| FREE FATTY ACID (% AS OLEIC) | <25.0 | 7.20 |
| PEROXIDE VALUE | <20.0 | 0.40 |
| ACID VALUE | <42.0 | 14.32 |
| SAPONIFICATION VALUE | 180 - 195 | - |

| FATTY ACID PROFILE | | RANGE % | RESULTS |
|--------------------|-----------------|-------------|---------|
| C-CHAIN | ACID NAME | | |
| C16:0 | PALMITIC | 11.0 – 19.0 | 17.4 |
| C18:0 | STEARIC | <2.0 | 0.5 |
| C18:1 | OLEIC | 9.0 – 15.0 | 10.8 |
| C18:2 | LINOLEIC | 54.0 – 60.0 | 58.7 |
| C18:3 | ALPHA LINOLENIC | 6.0 – 10.0 | 9.2 |
| C20:1 | EICOSENOIC | <2.0 | 1.2 |

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