

## CERTIFICATE OF ANALYSIS

|                                                                           |
|---------------------------------------------------------------------------|
| PRODUCT NAME: HORSE CHESTNUT, INFUSED IN SUNFLOWER OIL                    |
| LOT NUMBER: LOT0014388                                                    |
| PRODUCT INCI: AESCULUS HIPPOCASTANUM EXTRACT & HELIANTHUS ANNUUS SEED OIL |
| PRODUCT CODE: K0891                                                       |
| CAS NUMBER: 8053-39-2 & 8001-21-6                                         |
| EINECS NUMBER: 232-497-7 & 232-273-9                                      |
| MANUFACTURING METHOD: NATURAL HERB INFUSION                               |
| MANUFACTURING DATE: 08/02/22                                              |
| BEST BEFORE DATE: 08/02/24                                                |

| ANALYTICAL DETAILS                       | RANGE %         | RESULTS  |
|------------------------------------------|-----------------|----------|
| APPEARANCE                               | OILY LIQUID     | COMPLIES |
| ODOUR                                    | CHARACTERISTIC  | COMPLIES |
| COLOUR                                   | YELLOW - GOLDEN | COMPLIES |
| REFRACTIVE INDEX @ 20°C                  | 1.460 – 1.480   | 1.468    |
| SPECIFIC GRAVITY @ 20°C                  | 0.902 – 0.925   | 0.914    |
| PEROXIDE VALUE (MEQ O <sub>2</sub> / KG) | <15.0           | 7.3      |
| FREE FATTY ACID                          | <1.0            | 0.8      |

| FATTY ACID PROFILE |           | RANGE %     | RESULTS |
|--------------------|-----------|-------------|---------|
| C-CHAIN            | ACID NAME |             |         |
| C16:0              | PALMITIC  | 4.0 – 9.0   | 6.1     |
| C18:0              | STEARIC   | <7.0        | 3.72    |
| C18:1              | OLEIC     | 14.0 - 42.0 | 18.9    |
| C18:2              | LINOLEIC  | 48.0 - 75.0 | 57.2    |
| C18:3              | LINOLENIC | <0.5        | 0.08    |

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.