

## SPECIFICATION SHEET

**PRODUCT NAME: ROSEHIP SEED OIL, REFINED**

PRODUCT INCI: ROSA CANINA SEED OIL TSK-OIL005

PRODUCT CODE: K0392

CAS NUMBER: 84696-47-9

EINECS NUMBER: 283-652-0

MANUFACTURING METHOD: EXPELLER PRESSED & REFINED

SHELF LIFE: 24 MONTHS

| ANALYTICAL DETAILS             | RANGE %               |
|--------------------------------|-----------------------|
| APPEARANCE                     | OILY LIQUID           |
| -COLOUR                        | LIGHT YELLOW - YELLOW |
| ODOUR                          | ODOURLESS             |
| SPECIFIC GRAVITY @ 20°C        | 0.920 – 0.940         |
| REFRACTIVE INDEX @ 20°C        | 1.467 – 1.487         |
| PEROXIDE VALUE                 | ≤10.0                 |
| FREE FATTY ACID (% AS OLEIC)   | ≤1.0                  |
| ACID VALUE (MGKOH/G)           | ≤2.0                  |
| SAPONIFICATION VALUE (MGKOH/G) | 185.0 – 209.0         |

| FATTY ACID PROFILE |                 | RANGE %     |
|--------------------|-----------------|-------------|
| C-CHAIN            | ACID NAME       |             |
| C16:0              | PALMITIC        | 2.0 – 10.0  |
| C18:0              | STEARIC         | 1.0 - 7.0   |
| C18:1              | OLEIC           | 10.0 – 26.0 |
| C18:2              | LINOLEIC        | 35.0 – 65.0 |
| C18:3              | ALPHA LINOLENIC | ≤ 35.0      |
| C20:0              | ARACHIDIC       | ≤ 2.0       |

| DATE       | ISSUED BY | VERSION | REASON FOR UPDATE                                                                                                                                                                            |
|------------|-----------|---------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 03.08.2023 | M.R-L     | 4.0     | Changes in:<br>Colour, Peroxide Value,<br>Refractive index, Refractive<br>index; Fatty Acid Profiles<br>ranges<br>Removed: Free Fatty Acid,<br>Saponification Value;<br>Added in: Acid Value |