



## Organic LycoTop Oil Cold Pressed from Rosehip

### Specifications

| <u>Analytical Details</u>          | <u>Results</u>                    | <u>Method</u>          |
|------------------------------------|-----------------------------------|------------------------|
| <b>Appearance:</b>                 | Brilliant Clear                   |                        |
| <b>Odor:</b>                       | Characteristic                    |                        |
| <b>Flavor:</b>                     | Natural-Characteristic-Mild       |                        |
| <b>Color:</b>                      | Deep orange red                   | Visual                 |
| <b>Peroxide Value:</b>             | Max. 8 meq O <sub>2</sub> /kg oil | AOCS Cd 8-53           |
| <b>Iodine Value:</b>               | 150-194                           | AOCS Cd 1-25           |
| <b>Saponification Value:</b>       | 185-209                           | AOCS Cd 3-35           |
| <b>Soap:</b>                       | 0 ppm                             | AOCS Cc 17-79          |
| <b>Free Fatty Acids:</b>           | 0.7 % max                         | AOCS Ca 5-40           |
| <b>Specific Gravity:</b>           | 0.915-0.930                       | AOCS Cc 10a-25         |
| <b>Refractive Index:</b>           | 1.4700-1.4812                     |                        |
| <b>Moisture and Volatiles:</b>     | 0.1 % max.                        | AOCS Ca 2c-25          |
| <b>Insoluble Impurities:</b>       | < 0.1 % max.                      | AOCS Ca 3-46           |
| <b>Pesticides Residue:</b>         | Free from OP and OC               |                        |
| <b>Additives:</b>                  | No                                |                        |
| <b>Chemical Refining:</b>          | No                                |                        |
| <b>Cold Test 0°C:</b>              | >5 hours                          | AOCS Cc 11-53          |
| <b>Lycopene:</b>                   | 5500-6500 ppm*                    | * Most probable values |
| <b>Total tocopherols:</b>          | 700-1100 ppm*                     | * Most probable values |
| <b><u>Fatty Acids Profile:</u></b> | Methyl esters                     |                        |
| <b>C 14:0 Myristic:</b>            | 0 - 0.06                          |                        |
| <b>C 16:0 Palmitic:</b>            | 3 - 8                             |                        |
| <b>C16:1 Palmitoleic:</b>          | 0 - 0.15                          |                        |
| <b>C18:0 Stearic:</b>              | 1 - 2.1                           |                        |
| <b>C18:1 Oleic:</b>                | 13 - 15                           |                        |
| <b>C18:2 Linoleic:</b>             | 41 - 51                           |                        |
| <b>C18:3 w6 Linolenic:</b>         | 0 - 0.1                           |                        |
| <b>C18:3 w3 Linolenic:</b>         | 28 - 38                           |                        |
| <b>C20:0 Arachidic:</b>            | 0.2 - 0.8                         |                        |
| <b>C20:1 Gadoleic:</b>             | 0 - 0.4                           |                        |
| <b>C20:2 Eicosanoic:</b>           | 0 - 0.2                           |                        |
| <b>C22:0 Behenic:</b>              | 0 - 0.3                           |                        |
| <b>C22:1 Docosanoic:</b>           | 0 - 0.2                           |                        |

**Date:** 05/01/08

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