

CERTIFICATE OF ANALYSIS

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| Product Name | CRANBERRY SEED OIL |
| Botanical Name | Vaccinium macrocarpon |
| Product Code | PCO4065 |
| INCI Name | Vaccinium Macrocarpon (Cranberry) Seed Oil |
| CAS# | 91770-88-6 |
| EINECS# | 294-875-8 |

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|---------------------------|---------|
| Batch # | 4077520 |
| Manufacturing Date | 09/2023 |
| Best Before Date | 09/2025 |

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|--------------------------|-----------------------|
| Extraction Method | Cold Pressed |
| Quality | 100% Pure and Natural |

| <u>PROPERTIES</u> | <u>SPECIFICATIONS</u> | <u>RESULTS</u> |
|--------------------------------|--------------------------------------|-----------------------|
| Physical status at 25C | Golden colored liquid | CONFORMS |
| Odour | Characteristic slightly fruity odour | CONFORMS |
| Refractive Index | 1.465 - 1.485 @ 20°C | 1.481 |
| Specific Gravity (g/mL) | 0.915 - 0.930 @ 20°C | 0.918 |
| Saponification Value | 180 - 200 | 191 |
| Peroxide Value | Less than 10.0 | CONFORMS |
| Iodine Value | 150 - 190 | 167 |
| Free Fatty Acids | Less than 1.5 | 0.4 |
| Acid Value | Less than 3.0 | 0.7 |
| Solubility | Soluble in fixed oils | CONFORMS |

STABILITY AND STORAGE:

Keep in tightly closed container in a cool and dry place, protected from sunlight. When stored for more than 24 months, quality should be checked before use.

As it is electronically generated document, hence no signature required.

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