### COMMON NAME
Sea Buckthorn CO2 - Organic

### LATIN NAME
*Hippophae rhamnoides*

### COUNTRY OF ORIGIN
Germany

### CULTIVATION METHOD
Certified Organic (NOP, USDA), Kosher and Halal

### TYPE
CO2 Total Extract

### EXTRACTION METHOD
Supercritical Extraction

### PLANT PART
Fruit Pulp

### USE
Body/Skin Care

<table>
<thead>
<tr>
<th>SKU</th>
<th>910</th>
</tr>
</thead>
<tbody>
<tr>
<td>LOT #</td>
<td>24</td>
</tr>
</tbody>
</table>

**MANUFACTURING DATE**
October 2017

**BEST BY DATE**
October 2022 (retest)

### SPECIFICATIONS (Range)

<table>
<thead>
<tr>
<th>SPECIFICATION @20°C</th>
<th>LOWER LIMIT</th>
<th>UPPER LIMIT</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPECIFIC GRAVITY</td>
<td>0.900 – 0.925</td>
<td>0.9146</td>
</tr>
<tr>
<td>REFRACTIVE INDEX</td>
<td>1.460 – 1.480</td>
<td>1.4702</td>
</tr>
<tr>
<td>OPTICAL ROTATION</td>
<td>na</td>
<td>na</td>
</tr>
</tbody>
</table>

### PHYSICAL APPEARANCE
Slightly viscous oil

### COLOR
Orange-red

### ODOR
Very subtle aroma, mildly sweet, tart and earthy

### SOLUBILITY
Soluble in fixed oils

### SPECIAL USE INSTRUCTIONS
Dilute before use.

### PRIMARY CONSTITUENTS
Palmitic Acid, Palmitoleic Acid, Oleic Acid, Vaccenic Acid, Linoleic Acid

*This product is stabilized with 0.08% Rosemary CO2 Antioxidant Organic*

### COMPONENTS

<table>
<thead>
<tr>
<th>COMPONENT</th>
<th>% RANGE</th>
<th>%</th>
<th>COMPONENT</th>
<th>% RANGE</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>PALMITIC ACID</td>
<td>30-40</td>
<td>33.9</td>
<td>ALPHA-LINOLEIC ACID</td>
<td>&lt;5</td>
<td>1.3</td>
</tr>
<tr>
<td>PALMITOLEIC ACID</td>
<td>22-33</td>
<td>30.6</td>
<td>ARACHIDIC ACID</td>
<td>na</td>
<td>0.24</td>
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<tr>
<td>STEARIC ACID</td>
<td>&lt;3</td>
<td>0.85</td>
<td>UNSAPONIFIABLES</td>
<td>1-7</td>
<td>5.5</td>
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<tr>
<td>OLEIC ACID</td>
<td>10-28</td>
<td>21.9</td>
<td>SUM OF CAROTENOIDS</td>
<td>0.14-0.27</td>
<td>0.17</td>
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<tr>
<td>VACCENCIC ACID</td>
<td>4-9</td>
<td>7.1</td>
<td>SUM OF STEROLS</td>
<td>&gt;1</td>
<td>1.4</td>
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<tr>
<td>LINOLEIC ACID</td>
<td>1-9</td>
<td>4.1</td>
<td>SUM OF TOCOPHEROLS</td>
<td>&gt;0.1</td>
<td>0.11</td>
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</tbody>
</table>

* EU Allergen

### COMMENTS
Odor quality is excellent.

This CO2 Total Extract is a 100% pure and natural product. It does not contain any artificial ingredients or adulteration of any kind to the best of our knowledge. The analysis and statements herein constitute the most complete information available to Eden Botanicals. This product is guaranteed by Eden Botanicals to be of excellent quality.

Eden Botanicals