TECHNICAL DATA SHEET

Product Name: BOTTLE GOURD SEED OIL
Botanical Name: Lagenaria siceraria
Product Code: PC04108
INCI Name: Lagenaria Siceraria Seed Oil

Part Used: Seeds
Extraction Method: Cold Pressed
Quality: 100% Pure and Natural

PROPERTIES | SPECIFICATIONS
---|---
Appearance: | Pale yellow to golden brown colored liquid
Odour: | Characteristic mild odour
Refractive Index: | 1.420 - 1.430 @ 20°C
Specific Gravity (g/mL): | 0.920 - 0.950 @ 20°C
Saponification Value (mgKOH/g): | 220 - 245
Peroxide Value (meq O₂/kg): | Less than 5.0
Iodine Value (g I₂/100g): | 119 - 128
Acid Value (mgKOH/g): | Less than 1.0
Solubility: | Soluble in cosmetic esters and fixed oils; Insoluble in water

FATTY ACID COMPOSITION:

<table>
<thead>
<tr>
<th>FATTY ACID</th>
<th>C-CHAIN</th>
<th>SPECIFICATIONS (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Palmitic Acid</td>
<td>C16:0</td>
<td>10.00 – 14.00</td>
</tr>
<tr>
<td>Stearic Acid</td>
<td>C18:0</td>
<td>5.00 – 9.00</td>
</tr>
<tr>
<td>Oleic Acid</td>
<td>C18:1 (n-9)</td>
<td>13.00 – 20.00</td>
</tr>
<tr>
<td>Linoleic Acid</td>
<td>C18:2 (n-6)</td>
<td>58.00 – 63.00</td>
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</tbody>
</table>

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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