## LIGHT CUT & HEAVY CUT METHYL ESTERS

**Specification Date:** June 2019

<table>
<thead>
<tr>
<th>CHARACTERISTICS</th>
<th>LIGHT CUT</th>
<th>HEAVY CUT</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>ME-810</td>
<td>ME-1095</td>
</tr>
<tr>
<td>Saponification Value</td>
<td>295-305</td>
<td>188-208</td>
</tr>
<tr>
<td>Acid Value</td>
<td>0.5 Max</td>
<td>0.5 Max</td>
</tr>
<tr>
<td>Iodine Value</td>
<td>0.5 Max</td>
<td>0.6 Max</td>
</tr>
<tr>
<td>Moisture Value (% KF)</td>
<td>0.2 Max</td>
<td>0.15 Max</td>
</tr>
<tr>
<td>MeOH, ppm</td>
<td></td>
<td>150 Max</td>
</tr>
<tr>
<td>Melting Point (°C)</td>
<td>(-29)</td>
<td>(-22)</td>
</tr>
<tr>
<td>TITER °C</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Color APHA</td>
<td></td>
<td>80 Max</td>
</tr>
<tr>
<td>Color, Gardner</td>
<td></td>
<td>1 Max</td>
</tr>
<tr>
<td>Specific Gravity 25/25°C</td>
<td>(0.870)</td>
<td>(0.874)</td>
</tr>
<tr>
<td>% Transmittance at 460nm</td>
<td>95 Min</td>
<td>95 Min</td>
</tr>
</tbody>
</table>

### Typical Composition (GC)

#### SATURATED

- **Unsaponifiable %**
  - 2 Max

- **C6**
  - 6 Max

- **C8**
  - 50-58
  - (0.4)

- **C10**
  - 34-46
  - 95 Min

- **C12**
  - 1 Max
  - (1.7)
  - 0.5 Max

- **C14**
  - (0.2)
  - 1 Max

- **C16**
  - 25-32
  - (8-12)

- **C18**
  - (3-5)

- **C20**
  - 1.5 Max

### UNSATURATED

- **C18:1**
  - (21-35)

- **C18:2**
  - (42-55)

- **C18:3**
  - (7-9)

- **Total C-18's**
  - 65-75
  - (85-90)

- **CAS Number**
  - ME-810: 68937-83-7
  - ME-1095: 110-42-9
  - ME-1618: 67762-38-3
  - ME-S1885: 68919-53-9

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