# Chevron Phillips Chemical Company
## Issued Sales Specification

### Name of Product
**N-DODECYL MERCAPTAN 98%**

<table>
<thead>
<tr>
<th>Test</th>
<th>Units</th>
<th>Method</th>
<th>Typical</th>
<th>Minimum</th>
<th>Maximum</th>
<th>Qualitative</th>
<th>Note</th>
</tr>
</thead>
<tbody>
<tr>
<td>APHA Color</td>
<td>---</td>
<td>ASTM D-5386</td>
<td>5</td>
<td>---</td>
<td>10</td>
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<td></td>
</tr>
<tr>
<td>Appearance</td>
<td>---</td>
<td>Visual</td>
<td>Clear with no particulate matter</td>
<td>---</td>
<td>---</td>
<td>Clear with no particulate matter</td>
<td>---</td>
</tr>
<tr>
<td>C12SH Isomers</td>
<td>WT%</td>
<td>Chromatography</td>
<td>0.6</td>
<td>---</td>
<td>1.5</td>
<td></td>
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</tr>
<tr>
<td>Distillation - 5%</td>
<td>CEL</td>
<td>ASTM D-1078</td>
<td>275</td>
<td>274</td>
<td>---</td>
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</tr>
<tr>
<td>Distillation - 95%</td>
<td>CEL</td>
<td>ASTM D-1078</td>
<td>276</td>
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<td>278</td>
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</tr>
<tr>
<td>Mercaptan Sulfur WT%</td>
<td>WT%</td>
<td>Titration</td>
<td>---</td>
<td>15.6</td>
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<td>---</td>
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<tr>
<td>n-Dodecyl Mercaptan</td>
<td>WT%</td>
<td>Chromatography</td>
<td>98.9</td>
<td>98.5</td>
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</tr>
</tbody>
</table>

### Chevron Phillips Chemical Company
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### Test Units

- APHA Color
- Appearance
- C12SH Isomers
- Distillation - 5%
- Distillation - 95%
- Mercaptan Sulfur WT%
- n-Dodecyl Mercaptan

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