**Liquid Chlorine (ASHTA 14-01)**

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Chemical Specifications</th>
<th>Reference Methods</th>
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<tbody>
<tr>
<td>Purity Min.% (by volume)</td>
<td>99.5</td>
<td>ASTM E 1746</td>
</tr>
<tr>
<td>Moisture Max. %</td>
<td>0.010 (100 ppm)</td>
<td>ASTM E 410</td>
</tr>
<tr>
<td>Residue, (NVR) Max. %</td>
<td>0.0040 (40 ppm)</td>
<td>ASTM E 410</td>
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</tbody>
</table>

**Physical Properties**

- **Appearance**: Amber colored liquid, vaporizes to a greenish yellow gas
- **Density, (Liquid)**: 91.67lb/ft³ @ 32°F
- **Density, (Gas)**: 0.2003 lb/ft³ @ 14.696 psia
- **Boiling Point**: -29.29°F (239.1 Kelvin) @ 14.696 psia
- **Specific Gravity (Liquid)**: 1.47 @ 32°F
- **Vapor Pressure, psig**: 72 @ 60°F

**Note:**
- EPA Registration No. 62531-3
- CAS Registry Number: 7782-50-5
- Certified to NSF International Standard 60: Drinking Water Treatment Chemicals at a maximum use level of 30 mg/L
- Meets ASTM E 1120 Test Requirements

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