METHYL FLUORIDE/HALOCARBON 41 (CH3F): A colorless, flammable gas

<table>
<thead>
<tr>
<th>Specifications</th>
<th>Grade 4</th>
<th>Grade 4.5</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>99.99%</td>
<td>99.995%</td>
</tr>
<tr>
<td>Nitrogen</td>
<td>&lt; 70 ppmv</td>
<td>&lt; 20 ppmv</td>
</tr>
<tr>
<td>Oxygen</td>
<td>&lt; 20 ppmv</td>
<td>&lt; 5 ppmv</td>
</tr>
<tr>
<td>Carbon Dioxide</td>
<td>&lt; 10 ppmv</td>
<td></td>
</tr>
<tr>
<td>Carbon Monoxide</td>
<td>&lt; 10 ppmv</td>
<td></td>
</tr>
<tr>
<td>Methane</td>
<td>&lt; 5 ppmv</td>
<td></td>
</tr>
<tr>
<td>Water</td>
<td>&lt; 10 ppmv</td>
<td>&lt; 2 ppmv</td>
</tr>
</tbody>
</table>

**Moisture level guaranteed only when Electronic Fluorocarbons prepares the cylinders.**

All concentrations are on a mol/mol basis unless otherwise stated.

Product sold on the basis of total impurities. Individual impurities may vary slightly.

---

**Technical Data:**
- Mol. Wt: 34
- Specific Volume: 11.36 cu.ft/lb
- Pressure @ 70°F: 538 psig
- Valve Outlet: CGA 350
- DISS 724

**Shipping Information:**
- DOT Name: Methyl Fluoride
- Hazard Class: 2.1
- DOT No.: UN 2810
- DOT Label: Flammable Gas
- CAS No.: 593-53-3

---

**Cylinder Size** | **Fill Weight (lbs)**
--- | ---
44L/Size 200 | 18
16L/Size 80  | 7
7L/Size 35  | 3