Product Specification

Product Name: 1,3-Dibromo-5,5-dimethylhydantoin - 98%

Product Number: 157902
CAS Number: 77-48-5
MDL: MFCD00003189
Formula: C5H6Br2N2O2
Formula Weight: 285.92 g/mol

TEST

<table>
<thead>
<tr>
<th>Test</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance (Color)</td>
<td>Conforms to Requirements</td>
</tr>
<tr>
<td>White to Light Yellow or Orange</td>
<td></td>
</tr>
<tr>
<td>Appearance (Form)</td>
<td>Powder or Chunks</td>
</tr>
<tr>
<td>Infrared spectrum</td>
<td>Conforms to Structure</td>
</tr>
<tr>
<td>Carbon Content</td>
<td>20.5 - 21.7 %</td>
</tr>
<tr>
<td>Nitrogen Content</td>
<td>9.6 - 10.1 %</td>
</tr>
<tr>
<td>Solubility (Turbidity)</td>
<td>Clear to Slightly Hazy</td>
</tr>
<tr>
<td>C = 5%; Acetone</td>
<td></td>
</tr>
<tr>
<td>Solubility (Color)</td>
<td>Conforms to Requirements</td>
</tr>
<tr>
<td>Colorless to Yellow or Orange</td>
<td></td>
</tr>
</tbody>
</table>

Specification: PRD.3.ZQ5.10000024241

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.