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SPECIFICATION ----- PHENOL

Chemical name : Phenol ; Hydroxybenzene ; Monohydroxybenzene ;
Carbolic acid

Formula : C₆H₅OH

<i>Properties</i>	<i>LIMITS</i>	<i>Test method</i>	<i>Reference</i>
<i>1. Appearance, molten</i>	<i>Clear and Free of Suspended Matter</i>	<i>W-LTQ-057</i>	<i>Hercules P27.5a-11</i>
<i>2. Purity, wt% min.</i>	<i>99.85</i>	<i>W-LTQ-109</i>	<i>100wt%-GC Impurities wt%-H₂Owt%-Iron wt%</i>
<i>3. Freezing point, °C min.</i>	<i>40.7</i>	<i>W-LTQ-052</i>	<i>Hercules P 27.5a-4a</i>
<i>4. Color, Pt-Co, APHA max.</i>	<i>10</i>	<i>W-LTQ-053</i>	<i>ASTM D1686-61 or Hercules P 27.5-5a</i>
<i>5. Iron, ppm max.</i>	<i>0.5</i>	<i>W-LTQ-056</i>	<i>Chiyoda AM-B-111-3</i>
<i>6. Water, wt% max.,</i>	<i>0.05</i>	<i>W-LTQ-010</i>	<i>Karl Fischer</i>
