

Phenol, Liquefied 99%

Product Description

CAS: 000108-95-2

Molecular Formula: C₆H₆O

| PROPERTY | METHOD | RESULT | UNITS | MIN | MAX |
|--|-----------------|--------------|-------------------|----------------|-------|
| Purity (Dry Basis) | ASTM D6142 | 99.99 | wt% | 99.99 | - |
| Freezing Point | ASTM D 1493 | 40.85 | °C | 40.80 | - |
| Color,Pt/Co | ASTM D 1686 | <5 | - | - | 5 |
| Water | ASTM D 1631 | 43 | wt ppm | - | 300.0 |
| Mesityl Oxide | ASTM D 6142 | <2.0 | wt ppm | - | 10 |
| Total Carbonyl | ASTM E 411 | 4.3 | wt ppm | - | 12 |
| Hydroxyacetone | ASTM D 6142 | <2.0 | wt ppm | - | 3 |
| Iron | INTERNAL METHOD | <0.1 | wt ppm | - | 0.2 |
| 2-Methylbenzofuran | ASTM D 6142 | 5.0 | wt ppm | - | 30.0 |
| Appearance | ASTM D 2439 | Clear Liquid | - | Clear Liquid | - |
| Alpha-Methylstyrene | ASTM D 6142 | <2.0 | wt ppm | - | 15.0 |
| Sulfuric Acid Discoloration (SAD) Test | INTERNAL METHOD | 98.6 | % | 95.0 | - |
| Total GC Impurities (Excluding Cressols) | INTERNAL METHOD | <15 | wt ppm | - | 80 |
| O-Cresols | ASTM D 6142 | 9 | wt ppm | - | 75 |
| m-and-p Cresol | ASTM D 6142 | <5 | wt ppm | - | 20 |
| Density @50°C | ASTM D1298 | 1.052 | g/cm ³ | To be reported | - |