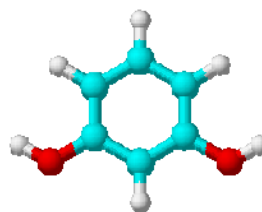


| R2230HH | Platinum Line |
|---|---------------|
| Warranty certificate | |
| Assay (Bromination) | min 99% |
| Chloride (Cl) | 0.01% |
| Free acid (H ₂ SO ₄) | 0.01% |
| Free alkali (NH ₃) | 0.01% |
| Iron (Fe) | 0.001% |
| Lead (Pb) | 0.001% |
| Loss on drying | max 1% |
| Residue on ignition | 0.01% |
| Sulphate (SO ₄) | 0.05% |
| Sulphated ash | 0.05% |
| Total sulphur (S) | 0.00% |
| Water-insoluble matter | 0.005% |

**Packaging**

100g black plastic jar

Physical properties, composition and data

| | |
|---------------------------|--|
| Chemical formula | C ₆ H ₄ (OH) ₂ or C ₆ H ₆ O ₂ |
| Synonym | 1,3-Dihydroxybenzene; 3-Hydroxyphenol; m-Dihydroxybenzen; Resorcin Benzenediols/Phenols |
| Chemical group | |
| Atomic weight | 110.11 |
| Appearance | White crystalline powder or needle-like crystals |
| Solubility | Soluble in water, amyl alcohol, benzene, dimethylformamide, ethanol, glycerol and slightly in chloroform |
| Melting point | 109-112°C |
| Boiling point | 280°C |
| Flash point | 127°C |
| Density (g/ml) | 1.272 |
| pH (aqueous solution) | 4 - 6 |
| Other information | Becomes pink on exposure to light and air or by contact with iron |
| Auto ignition temperature | 605 - 607°C |
| Hazardous material | Harmful |

Laboratory preparation, applications and practices

| | |
|------------------------|---|
| Laboratory preparation | Fusing <i>m</i> -benzenedisulphonic acid with excess sodium hydroxide |
| Usage | Analytical and synthesis reagent |

Storage and handling information

| | |
|------------------|---|
| Storage | Store in a fireproof area away from light |
| Safety phrases | 26-61 |
| Risk phrases | 22-36/38-50 |
| Disposal methods | 16 |

Transport regulations

| | |
|-----------------|------------|
| Tariff code | 2907.21.00 |
| Hazardous class | 6.1 |
| Packing group | III |
| UN number | 2876 |

