



DATA SHEET

Phenolphthalein

| | | | |
|---------|--|------------|-----------|
| Formula | : C ₂₀ H ₁₄ O ₄ | CAS no. | : 77-09-8 |
| Synonym | : 3,3-bis (4-Hydroxypheny) Phtalide | EINECS no. | : 2010047 |

| | |
|-----------------------------|---|
| Appearance | : white amorphous powder |
| Colour of solution | : passes test |
| Melting point | : 258 °C - 263 °C |
| Heavy metal | : 10 ppm max. |
| Arsenic | : 8 ppm max. |
| Residue on ignition | : 0,05 % |
| Loss on drying | : max. 1 % (at 105 °C) |
| Fluoran | : passes test |
| Chromatographic impurity | : 1,0 % max. |
| Organic volatile impurities | : passes test |
| Assay | : 98 - 102 % on dried basis |
| Conclusion | : the product is up to the standard of USP 24 and BP 98 |