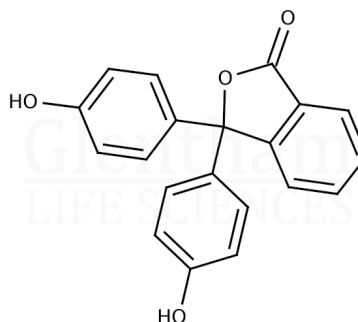


## Product Specification

|               |                                     |
|---------------|-------------------------------------|
| Product Name  | Phenolphthalein, BP, Ph. Eur. grade |
| Glentham Code | GT9951                              |
| CAS Number    | 77-09-8                             |
| EINECS        | 201-004-7                           |
| MDL-Nummer    | MFCD00005913                        |
| PubChem SID   | 310278710                           |

|                   |                   |
|-------------------|-------------------|
| Molecular Weight  | 318.33            |
| Molecular Formula | $C_{20}H_{14}O_4$ |
| Storage Temp.     | +20°C             |



| Property                       | Specification                |
|--------------------------------|------------------------------|
| Physical Description           | Almost white powder          |
| Melting Point                  | ≥ 260.0°C                    |
| Identification                 | Conforms to EP, BP           |
| Appearance of Solution         | Conforms to EP, BP           |
| Acidity or Alkalinity          | Conforms to EP, BP           |
| Related Substances             | ≤ 0.5%                       |
| Chlorides                      | ≤ 100ppm                     |
| Sulphates                      | ≤ 200ppm                     |
| Heavy Metals                   | ≤ 10ppm                      |
| Loss on Drying                 | ≤ 0.5%                       |
| Sulphated Ash                  | ≤ 0.1%                       |
| Assay                          | 98.0 - 101.0 % (dried basis) |
| Pharmacopoeia Specification(s) | EP, BP                       |

|                       |   |            |
|-----------------------|---|------------|
| Specification Version | - | v1.0       |
| Date Created          | - | 2014-07-30 |

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check [www.glentham.com](http://www.glentham.com) or contact us using the details above for the current version of this document.

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