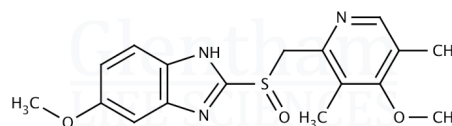


Product Specification

| | |
|-------------------|---|
| Product Name | Omeprazole, EP grade |
| Glentham Code | GP5610 |
| CAS Number | 73590-58-6 |
| MDL-Nummer | MFCD00083192 |
| PubChem SID | 310278348 |
| Molecular Weight | 345.42 |
| Molecular Formula | C ₁₇ H ₁₉ N ₃ O ₃ S |
| Storage Temp. | +4°C |



| Property | Specification |
|--------------------------------|--|
| Physical Description | White or almost white powder |
| Identification | According to EP |
| Appearance of Solution | 0.5g in 25ml Methylene chloride: Clear |
| Absorbance | ≤ 0.10 (440nm) |
| Related Substances | Impurity D: ≤ 0.15% |
| | Impurity E: ≤ 0.15% |
| | Impurities F and G: ≤ 0.035% (sum) |
| | Any Unspecified Impurity: ≤ 0.1% |
| | Total Impurities: ≤ 0.5% |
| Loss on Drying | ≤ 0.2% |
| Sulphated Ash | ≤ 0.1% |
| Assay | 99.0 - 101.0 % (dried substance) |
| Pharmacopoeia Specification(s) | EP |

| | | |
|-----------------------|---|------------|
| Specification Version | - | v1.1 |
| Date Created | - | 2023-05-16 |

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 or contact us using the details above for the current version of this document.

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