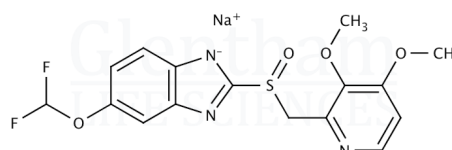


Product Specification

| | |
|-------------------|---|
| Product Name | Pantoprazole sodium hydrate |
| Glentham Code | GK4022 |
| CAS Number | 718635-09-7 |
| Additional CAS | 164579-32-2 |
| Additional CAS | 138786-67-1 (anhyd.) |
| Additional CAS | 102625-70-7 (base) |
| Molecular Weight | 405.35 (anhydrous) |
| Molecular Formula | $C_{16}H_{14}F_2N_3O_4S \cdot Na \cdot xH_2O$ |
| Storage Temp. | -20°C |



| Property | Specification |
|--------------------------------|----------------------------------|
| Physical Description | White to off-white powder |
| Identification | According to USP |
| Heavy Metals | ≤ 20ppm |
| Organic Impurities | Compound A: ≤ 0.20% |
| | Compound B: ≤ 0.15% |
| | Compound C: ≤ 0.10% |
| | Compounds D + F: ≤ 0.20% |
| | Any Other Impurity: ≤ 0.10% |
| | Total impurities: ≤ 0.5% |
| Water | 5.0 - 8.0 % |
| Assay | 98.0 - 102.0 % (anhydrous basis) |
| Pharmacopoeia Specification(s) | USP |
| Specification Version | - v1.0 |
| Date Created | - 2013-10-18 |

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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