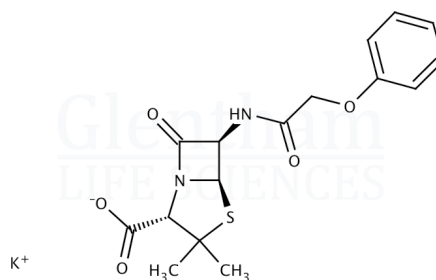


Product Specification

| | |
|-------------------|---------------------------------------------|
| Product Name | Penicillin V potassium salt, Ph. Eur. grade |
| Glentham Code | GA3874 |
| CAS Number | 132-98-9 |
| EINECS | 205-086-5 |
| Additional CAS | 87-08-1 |
| Molecular Weight | 388.48 |
| Molecular Formula | $C_{16}H_{17}KN_2O_5S$ |
| Storage Temp. | +4°C |



| Property | Specification |
|---------------------------------------------|---------------------------------------------|
| Physical Description | White or almost white crystalline powder |
| Identification (IR) | (Test A) To conform to standard |
| Identification | (Test D) To pass reaction of potassium test |
| pH (0.5% in water) | 5.5 - 7.5 |
| Impurity E | ≤ 1.0% |
| Impurity F | ≤ 1.0% |
| Impurity B | ≤ 0.3% |
| Any Other Individual Impurity | ≤ 0.15% |
| Total Impurities | ≤ 3.0% (exc. D) |
| 4-Hydroxyphenoxy methylpenicillin potassium | ≤ 4.0% (anhydrous substance) |
| Potassium acetate | ≤ 0.3% |
| Water | ≤ 1.0% |
| Assay | 95.0 - 102.0 % (anhydrous substance) |
| Pharmacopoeia Specification(s) | Ph. Eur. |

| | | |
|-----------------------|---|------------|
| Specification Version | - | v1.0 |
| Date Created | - | 2023-04-04 |

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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