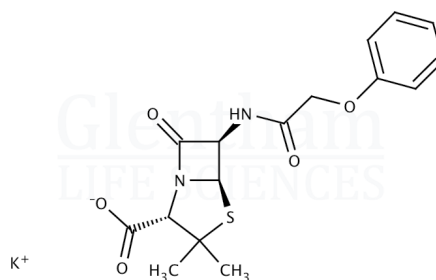


Product Specification

Product Name	Penicillin V potassium salt, BP grade
Glentham Code	GP8344
CAS Number	132-98-9
EINECS	205-086-5
MDL Number	MFCD00051771
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 (TLC)	(Test B) To pass test
Identification	To pass tests C, D
pH (0.5% in water)	5.5 - 7.5
Specific Optical Rotation	+215 - +230 ° (c=1, water, anhydrous substance)
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-Hydroxyphenoxymethylpenicillin potassium	≤ 4.0% (anhydrous substance)
Water	≤ 1.0%
Assay	95.0 - 102.0 % (anhydrous substance)
Pharmacopoeia Specification(s)	BP

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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