

neoFroxx GmbH

Marie-Curie-Str. 3
D-64683 Einhausen

+49 (6251) 989 24-0
coa@neofroxx.com
www.neofroxx.com

Specification

Product	Penicillin G potassium salt for biochemistry
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Product number	1286 (revised)
Synonym(s)	Benzylpenicillin potassium salt
Formula	C ₁₆ H ₁₇ KN ₂ O ₄ S
Molecular weight	372.48 g/mol
CAS number	113-98-4
Storage	2 - 8°C (revised)
Retest period (months)	36

Parameter	Specification
Assay (HPLC)	min. 98 %
Appearance	white powder
α _{20°C/D} ; 1 % in water	+285° to +295°
pH (5 % in water)	5.5 - 7.5
Potency (calc. on dried substance)	min. 1440 U/mg
Water (K.F.)	max. 1 %

Einhausen, 24.01.2024 (revised)