

## neoFroxx GmbH

Marie-Curie-Str. 3  
64683 Einhausen

+49 6251 989 240

coa@neofroxx.com

www.neofroxx.com

## Specification

Product	Penicillin G potassium salt for biochemistry
Product number	1286
Synonyms	Benzylpenicillin potassium salt
Formula	C <sub>16</sub> H <sub>17</sub> KN <sub>2</sub> O <sub>4</sub> S
Molecular weight	372.48 g/mol
CAS number	113-98-4
Storage	2 - 8°C
Retest period (months)	36
Parameter	Specification
Assay (HPLC)	>= 98 %
Appearance	white powder
Specific rotation	+285° - +295°
pH (5 % in water, 20°C)	5.5 - 7.5
Potency (dry basis)	>= 1440 U/mg
Water	<= 1 %

Einhausen, 13.06.2024