



**DC FINE
CHEMICALS**

Specification

Formula Hill: $C_{16}H_{17}KN_2O_4S$
Molar Mass: 372.48 g/mol
CAS N°: 113-98-4

109890 Penicillin G potassium salt, Ph. Eur.

	Specification
Assay	95.0 - 102.0 %
Identity	conforms
Appearance	white, almost white crystalline powder
pH value	5.5 - 7.5
Solubility	conforms
Specific rotation	270 - 300 °
Absorbance	
Absorbance 264 nm	0.80 - 0.88
Absorbance 280 nm	≤ 0.1
Absorbance 325 nm	≤ 0.1
Loss on drying (105°C)	≤ 1.0 %

Conforms to Ph. Eur. specification