

Specification

Formula Hill: $C_{19}H_{18}N_3NaO_5S \cdot H_2O$
Molar Mass: 441,43 g/mol
CAS N°: 7240-38-2

Print Date: 27 April 2023

109780 Oxacillin sodium USP

Specifications

Assay (oxacillin, as is basis)	815 - 950 microg/mg
Identity	conforms
Appearance	
- White	conforms
- Crystalline powder	conforms
Crystallinity	conforms
pH	4,5 - 7,5
Organic impurities	
- Amoxicillin related compound A	≤ 0,5 %
- Oxacillin penicilloic acid	≤ 1,5 %
- Imidazothiazole analog	≤ 0,5 %
- Oxacillin penilloic acid	≤ 0,5 %
- Thiooxacillin	≤ 0,5 %
- Oxacillin related compound C	≤ 0,5 %
- Cloxacillin	≤ 1,0 %
- Cloxacillin isomers	≤ 0,5 %
- N-(Penicillan-6-yl) oxacillinamide	≤ 0,5 %
- N-(Penicillan-6-yl) open ring oxacil.	≤ 0,5 %
- Any Individual unspecified impurity	≤ 0,2 %
- Total impurities	≤ 3,0 %
Water by KF	3,5 - 5,0 %

The product cannot be considered as an Active Pharmaceutical Ingredient (API)

Conforms to: USP specification

Storage: +2 - +8°C

Transport Conditions: no special conditions required