

PRODUCT IDENTITY

PRODUCT NAME	Cloxacillin Sodium Salt Monohydrate	PRODUCT NUMBER	C134100
Grades & Purity	≥98%	VERSION	3
CAS NUMBER	7081-44-9	FORMULA	C ₁₉ H ₁₇ ClN ₃ O ₅ Na · H ₂ O
FORMULA WEIGHT	457.86(as Anhydrous)g/mol		

ACCEPTANCE CRITERIA

PARAMETER	SPECIFICATION / LIMIT
Water by Karl Fischer	3-5.3 (%)
Specific Rotation [α] ₂₀ /D(c=1 in H ₂ O)(calcd.on anh.substance)	160-169 (°)
Purity(HPLC)	98-100 (%)
Appearance (C134100)	White powder
Infrared spectrum	Conforms to Structure
Carbon by Elemental Analysis(Dry base)	48.3-50.3 (%)
Nitrogen by Elemental Analysis(Dry base)	8.5-9.7 (%)