

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-03-18 16:05:56
 Date of Next Testing: 2028-03-17 16:05:56
 Product Name: **Cloxacillin Sodium Salt Monohydrate**
 CAS Number: 7081-44-9
 Specifications & Purity: $\geq 98\%$
 Lot #: I2207501
 SKU #: **C134100**
 Version: **1**
 Analysis #: **670199**
 Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Water by Karl Fischer	3-5.3 (%)	3.78000 %
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in H}_2\text{O})(\text{calcd. on anh. substance})$	160-169 (°)	161.67000 °
Purity(HPLC)	98-100 (%)	98.03900 %
Carbon by Elemental Analysis(Dry base)	48.3-50.3 (%)	49.59900 %
Nitrogen by Elemental Analysis(Dry base)	8.5-9.7 (%)	8.78000 %
Appearance (C134100)	White powder	White powder
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
 QA & QC Manager