

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-09-13 13:21:13
 Date of Next Testing: 2024-09-12 13:21:13
 Product Name: **Cloxacillin Sodium Salt Monohydrate**
 CAS Number: 7081-44-9
 Specifications & Purity: $\geq 98\%$
 Lot #: I2207592
 SKU #: **C134100**
 Version: **1**
 Analysis #: **116602**
 Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Water by Karl Fischer	3-5.3 (%)	3.88230 %
Purity(HPLC)	98-100 (%)	98.08000 %
Carbon by Elemental Analysis(Dry base)	48.3-50.3 (%)	49.62000 %
Nitrogen by Elemental Analysis(Dry base)	8.5-9.7 (%)	8.85000 %
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in H}_2\text{O})(\text{calcd. on anh. substance})$	160-169 (°)	161.72800 °
Appearance (C134100)	White powder	White powder
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager