

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-09-18 14:59:16  
Date of Next Testing: 2026-09-18 14:59:16  
Product Name: **Sulbactam**  
CAS Number: 68373-14-8  
Specifications & Purity:  $\geq 98\%$   
Lot #: I2407142  
SKU #: **E129319**  
Version: **0**  
Analysis #: **405468**  
Storage Temperature: Store at  $-20^{\circ}\text{C}$

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.74000 %
Specific Rotation $[\alpha]_{20}^D(c=1 \text{ in H}_2\text{O})$	233-241 ( $^{\circ}$ )	234.28 $^{\circ}$
Appearance (E129319)	White to tan powder	White to tan powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager