

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-06-07 09:27:14

Date of Next Testing: 2025-06-06 09:27:14

Product Name: **Sulbactam**

CAS Number: 68373-14-8

Specifications & Purity: $\geq 98.0\%$

Lot #: H2124189

SKU #: **E129319****Analysis: 236184**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	98.80200 %
Specific Rotation $[\alpha]_{20/D(c=1 \text{ in H}_2\text{O})}$	233-241 (°)	236.20°
Appearance (E129319)	White to tan powder	White to tan powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure

John Su
QA & QC Manager