

Certificate of Analysis

Date of Testing: 2024-09-18 14:59:52
Date of Next Testing: 2026-09-18 14:59:52
Product Name: **Sulbactam**
CAS Number: 68373-14-8
Specifications & Purity: $\geq 98\%$
Lot #: I2407129
SKU #: **E129319**
Version: **0**
Analysis #: **405468**
Storage Temperature: Store at -20°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