

Certificate of Analysis

Date of Testing: 2025-03-06 15:50:36

Date of Next Testing: 2028-03-05 15:50:36

Product Name: **Sultamicillin tosylate**

CAS Number: 83105-70-8(anhydrous)

Specifications & Purity: $\geq 98\%$

Lot #: F2208193

SKU #: **S350907**

Version: **1**

Analysis #: **480180**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.37200 %
Purity(with Total Nitrogen)(calcd.on anh.substance)	98-100 (%)	98.56800 %
Specific rotation $[\alpha]_{20/D}(C=0.5, \text{water/CH}_3\text{CN } 168-195^\circ)$ 3:2)		172.47600 °
Appearance (S350907)	White to Light yellow powder to crystal	White to Light yellow powder to crystal
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



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QA & QC Manager