

Certificate of Analysis

Date of Testing: 2024-08-24 15:38:38
Date of Next Testing: 2027-08-24 15:38:38
Product Name: **Ceftazidime (containing approximately 10% sodium carbonate)**
CAS Number: 72558-82-8
Specifications & Purity: $\geq 98\%$
Lot #: H2423481
SKU #: **C684460**
Version: **1**
Analysis #: **395225**
Storage Temperature: Store at 2-8°C, Protected from light, Argon charged

Parameter	Limit Values	Result
Purity(HPLC area)	98-100 (%)	98.51%
Specific rotation $[\alpha]_{20/D}(C=0.5, \text{pH}6.0$ Phosphate Buffer)	-26~-22 ($^{\circ}$)	-22.04800 $^{\circ}$
Appearance(C684460)	White to Orange to Green powder to crystal	White to Orange to Green powder to crystal
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure



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QA & QC Manager