

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-01-16 09:28:39
Date of Next Testing: 2029-01-15 09:28:39
Product Name: **Cefmetazole Sodium Salt**
CAS Number: 56796-39-5
Specifications & Purity: $\geq 97\%$ (T)
Lot #: A2514214
SKU #: **C153411**
Version: **1**
Analysis #: **076560**
Storage Temperature: Store at -20°C, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	97-100 (%)	99.65800 %
Purity(Ion exchange titration)	96.5-103.5 (%)	96.85 %
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in H}_2\text{O})$	73-85 (°)	84.65°
Appearance(C153411)	White to Light yellow powder to crystal	White to Light yellow powder to crystal
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager