

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-01-16 15:00:03
 Date of Next Testing: 2027-01-16 15:00:03
 Product Name: **Ceftriaxone disodium hemiheptahydrate**
 CAS Number: 104376-79-6
 Specifications & Purity: $\geq 98\%$
 Lot #: A2514258
 SKU #: **C129519**
 Version: **0**
 Analysis #: **296961**
 Storage Temperature: Store at 2-8°C, Protected from light

Parameter	Limit Values	Result
Water by Karl Fischer	8-11 (%)	10.09360 %
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in H}_2\text{O})(\text{calcd. on anh. substance})$	-170--150 (°)	-150.10000 °
Purity(HPLC)	98-100 (%)	98.01000 %
Appearance (C129519)	White to Light Yellow Powder or Crystals	White to Light Yellow Powder or Crystals
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager