

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-09-12 15:25:35

Date of Next Testing: 2027-09-12 15:25:35

Product Name: **7-Amino-3-[(5-methyl-1,3,4-thiadiazol-2-ylthio)methyl]-3-cephem-4-carboxylic Acid**

CAS Number: 30246-33-4

Specifications & Purity: $\geq 99\%$

Lot #: J2109196

SKU #: **A303378**

Version: **1**

Analysis #: **397363**

Storage Temperature: Store at -20°C, Desiccated

Parameter	Limit Values	Result
Purity(HPLC)	99-100 (%)	99.10200 %
Carbon by Elemental Analysis	37.1-38.5(%)	38.00000 %
Sulfur by Elemental Analysis	27-28.5(%)	28.00000 %
Nitrogen by Elemental Analysis	15.7-16.6(%)	15.90000 %
Appearance(A303378)	White or light yellow to Brown crystalline powder	White or light yellow to Brown crystalline powder
Proton NMR spectrum	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager