

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-06-24 18:08:19  
Date of Next Testing: 2028-06-23 18:08:19  
Product Name: **Calcium mupirocin dihydrate**  
CAS Number: 115074-43-6  
Specifications & Purity:  $\geq 95\%$   
Lot #: F2520224  
SKU #: **M342480**  
Version: **2**  
Analysis #: **533974**  
Storage Temperature: Protected from light, Store at  $-20^{\circ}\text{C}$

Parameter	Limit Values	Result
Water by Karl Fischer	3.0-4.5 (%)	3.48 %
Purity(HPLC)	95-100 (%)	95.57900 %
Specific Rotation $[\alpha]_{20/D}(C=0.05\text{g/mL methanol})(\text{anhydrous substance})$	$-20--16 (^{\circ})$	$-18.97500^{\circ}$
Appearance(M342480)	White to off-white powder	White to Off-White Powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager