

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-11-07 13:15:01
 Date of Next Testing: 2025-11-06 13:15:01
 Product Name: **Amikacin sulfate salt**
 CAS Number: 149022-22-0
 Specifications & Purity: $\geq 98\%$
 Lot #: K2203155
 SKU #: **A167411**
 Version: **1**
 Analysis #: **118822**
 Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.80000 %
Drying loss	≤ 13 (%)	1.77500 %
Activity(on dried basis)	674-786 ($\mu\text{g}/\text{mg}$)	718.00000 $\mu\text{g}/\text{mg}$
Specific rotation $[\alpha]_{20/D}(c=2, \text{H}_2\text{O})$	76-84 ($^{\circ}$)	76.01000 $^{\circ}$
Appearance(A167411)	white to off-white powder or chunks	white to off-white powder or chunks



John Su
QA & QC Manager