

Certificate of Analysis

Date of Testing: 2024-08-22 15:25:03

Date of Next Testing: 2027-08-22 15:25:03

Product Name: **Amikacin sulfate salt**

CAS Number: 149022-22-0

Specifications & Purity: $\geq 98\%$

Lot #: H2415033

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 ($^{\circ}$)	76.01 $^{\circ}$
Appearance(A167411)	white to off-white powder or chunks	white to off-white powder or chunks



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