

Certificate of Analysis

Date of Testing: 2025-08-19 14:01:54

Date of Next Testing: 2028-08-18 14:01:54

Product Name: **Amikacin sulfate salt**

CAS Number: 149022-22-0

Specifications & Purity: $\geq 98\%$

Lot #: K2203156

SKU #: **A167411**

Version: **1**

Analysis #: **555344**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.78000 %
Specific rotation $[\alpha]_{20/D(c=2, H_2O)}$	76-84 (°)	76.01°
Drying loss	≤ 13 (%)	1.75700 %
Activity(on dried basis)	674-786 ($\mu\text{g}/\text{mg}$)	716.00000 $\mu\text{g}/\text{mg}$
Appearance(A167411)	white to off-white powder or chunks	white to off-white powder or chunks



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QA & QC Manager