

## Certificate of Analysis

Date of Testing: 2021-08-27 12:30:12  
Date of Next Testing: 2025-08-26 12:30:12  
Product Name: **Kanamycin sulfate**  
CAS Number: 25389-94-0  
Specifications & Purity: >94.0%(N),from Streptomyces kanamyceticus  
Lot #: H2125305  
SKU #: **K103025**  
**Analysis:** **032788**  
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Kanamycin B	0-4 (%)	2.35 %
PH	6.5-8.5	7.50
Specific Rotation [a] <sub>20</sub> /D	112-123 (°)	117.03 °
Loss on drying	0-1.5 (%)	1.10 %
potency	≥40000 (IU/mg)	40000.00 IU/mg OR I.U./mg
Assay (Total nitrogen)	94-102.5 (%)	95.64000 %



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