

**Certificate of Analysis**  
**Kanamycin sulfate**  
 Powder

Product	Description	Catalogue-No.	Size
Kanamycin sulfate	Antibiotic powder	P06-04050P	50 g

**Lot No.: H171110**

CAS#: 25389-94-0

**Storage conditions and stability:**

Storage: RT in the dark  
 Expiry: 08/2021

Specification:	Acceptance criteria	Result
Physical Appearance (colour)	white crystalline powder	pass
Assay (dried substance)	~ 750 IU/mg	762 IU/mg
pH	6.5 – 8.5	7.8
Specific optical rotation	+112° - +123°	+121°
Abnormal toxicity	passes test	pass
Sulfated ash	≤ 0.5 %	0.1 %
Loss on drying	≤ 1.5 %	0.5 %
Kanamycin B	≤ 4.0 %	< 4.0 %
Sulphates	15.0 – 17.0 %	16.0 %

**Suitability**

FOR RESEARCH USE ONLY!

Not approved for human or animal diagnostic or therapeutic procedures. Not for consumption. Data provided by an external laboratory.

\* n.a. = not available

**This document has been produced electronically and is valid without signature.**

**Date: Nov/22/2017**