CERTIFICATE OF ANALYSIS

Product Name: **Kanamycin Monosulfate**
USP Grade

Catalog Number:	K003	Molecular Formula:	$C_{18}H_{36}N_4O_{11}\bullet H_2SO_4$
Lot Number:	02172016	Formula Weight:	582.58
CAS Number:	25389-94-0	Storage:	-20 to -5°C
		Retest Date:	31-JAN-2019

Test	Specifications	Results
Appearance	White Crystalline Powder	PASS
Identity Test	Passes Test	PASS
Potency	≥ 750 U/mg	802 U/mg
pH (1%, H_2O)	6.5 - 9.0	8.5
Loss on Drying	≤ 3.0 %	0.5 %
Specific Rotation	+112° to +123°	+120°
Kanamycin B	≤ 2.0 %	< 2.0 %
Residue on Ignition	≤ 0.5 %	0.4 %
Sulfate	15.0- 17.0 %	16.0 %
Cell Culture Tested	Inhibits growth of *Staphylococcus epidermidis* & *Bacillus subtillus*	PASS

This product meets or exceeds the quality standards established by Caisson Laboratories, Inc.

This product is intended for Laboratory Use Only

Becky Kowallis 3/21/2017
Quality Control

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