

# Product Specifications



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## KANAMYCIN Sulfate

Product Number

IB02120

Size

25gm

CAS NO.

CAS# 25389-94-0

### PHYSICAL SPECIFICATIONS

Molecular Formula	$C_{18}H_{36}N_4O_{11}H_2SO_4$
Molecular Weight	582.58
Potency	> 750mcg/mg
pH (1%, water)	6.5 - 8.5
Moisture	Max. 4.0%
Antibiotic Inhibition/Sensitivity Assay	Pass
Chromatographic Purity	Pass
Crystallinity	Pass

**Note:** Kanamycin Sulfate is derived via microbial fermentation. No animal products or by-products are used in the manufacturing process or the fermentation media.

### STORAGE

Store at +4°C. Warm to room temperature before opening. Keep tightly sealed. Store Kanamycin Solution in a light tight container at -20°C.

### RECOMMENDED USE

IBI Kanamycin used in the following working conditions:

	<u>Stock Solution</u>	<u>Working Concentration</u>	
		Stringent	Relaxed
Kanamycin	10mg/ml in H <sub>2</sub> O	10µg/ml	50µg/ml

**Note:** Stock solution of antibiotics dissolved in H<sub>2</sub>O should be sterilized by filtration through a 0.22 micron filter.

### WARNING

**Classification:** Reproductive Toxicity - 1B

**Hazard Statements:** H360-May damage fertility or the unborn child.

**Precautionary Statements:** P201-Obtain special instructions before use • P202-Do not handle until all safety precautions have been read and understood • P281-Use personal protective equipment as required • P308+P313-If exposed or concerned: Get medical advice/attention • P405-Store locked up • P501-Dispose of contents/container to an approved waste disposal plant.



**DANGER!**

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