

## CERTIFICATE OF ANALYSIS

Product	Kanamycin Sulfate
Grade	High Purity
Product Code	AK0010
Formula	$C_{18}H_{36-37}N_{4-5}O_{10-11} \bullet H_2SO_4$
MW	582.58
CAS#	70560-51-9
Lot No	IMAR12

Test Items	Specifications	Results
Appearance	White to off-white powder	
Identification	positive	
Specific optical rotation	+116° to +123°	
Clarity of solution	≤1	
The color of solution	≤3	
pH	6.5.0 to 8.5	
Loss on drying	≤3.0%	
Sulphate	15.0% to 17.0%	
Residue on ignition	≤0.5%	
Moisture	>4%	
Potency (moisture substance)	REPORT	
Potency (dried substance)	≥750u/mg	
Chromatography	Pass test	
Abnormal toxicity	Pass test	

Storage: 4°C. Protect from moisture