HANGZHOU DINGYAN CHEM CO.,LTD
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CERTIFICATE OF ANALYSIS

NO: DYC312307181

Product name	Gentamycin sulphate
CAS Number	1405-41-0
Molecule Formula	C21H43N5O7.H2SO4
Batch number	20240918
Manuf. &Exp. Date	2024.09.18; 2028-09-06
Testing date	2024.09.20

Items	Standard	Result
Appearance	A white or almost white powder	Conforms
Solubility	Conforms	Conforms
Identification	Conforms	Conforms
Solution	Conforms	Conforms
Specific optical rotation	+107°- +121°	+119°
PH	3.5-5.5	4.6
Water	≤15.0%	12.0%
Sulphated	32.0%-35.0%	32.9%
Sulphated ash	≤1.0%	0.3%
Related substances	Composition C1 25.0%-50.0% Composition C1a 10.0-35.0% Composition C2+C2a 25.0-55.0%	26.0% 32.3% 41.6%
Microbial Limits	TotalMicrobial count ≤1000CFU/g Mouldsandyeasts≤100CFU/g Salmonella ND Escherichia Coli ND	＜10CFU/g ＜10CFU/g ND ND
Assay	≥590IU/mg(Anhydrous substance) (Hydrous substances)	696IU/mg 615IU/mg
Bacterial endotoxins	≤0.71EU/mg	＜0.71EU/mg
Conclusion	Meet the standard of EP4.0/BP2002.	

QUALITY CONTROL: CHECK:姚仙娟 INSPECTOR：刘清风

Hangzhou Dingyan Chem Co.,Ltd.
Quality Control Nancy
Signature(s)

Add: Xiasha 571,19TH Street E-COMMERCE 4A601-602,Jianggan Area,Hangzhou,China