



SWAPNROOP DRUGS & PHARMACEUTICALS

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CERTIFICATE OF ANALYSIS

Product Name	Gentamycin Sulphate	CAS No:	1405-41-0
Batch No.	2605001	Manufactured by	-
Date of Mfg.	MAY-2026	Date of Analysis	20/05/2026
Batch Quantity	-	Retest Date	APR2031

Sr No	Test	Acceptance Criteria	Results
1	Description	Should be white or light white powder	White powder
2	Solubility	Should be soluble in water, insoluble in ethanol and ether	Should be soluble in water, insoluble in ethanol and ether
3	Rotation	+107°~ +121°	+118°
4	PH	3.5-5.5	5.1
5	Identify	The retention time of the main peak of the sample solution should be consistent with that of the control sample	Consistent with that of the control sample
6	Related compounds Gentamicin c1	25.0% -50.0%	25.5%
7	Related compounds Gentamicin C1a	10.0%-35.0%	28.6%
8	Related compounds Gentamicin C2+C2a+C2b	35.0%-55.0%	45.9%
9	Clarity	Should be clear, colour and lustre with the closest comparison color standard 6, must not be deeper	Clear, six degrees lighter than the control color scale.
10	Sulfate	32.0%- 35.0%	32.9%
11	Methanol	≤1.0%	1.0%
12	Water	≤15.0%	10.1%
13	Ash	≤1.0%	0.2%
14	Bacterial endotoxin	<0.71IU/mg	<0.71IU/mg
15	Assay	≥590IU/mg	676IU/mg

Storage: Store in air tight container below room Temperature

Conclusion: Product Complies as per above Specifications

Prepared By  Sonali Nirmal Date: 23/05/2026	Checked by  Dadarao Kakde Date: 23/05/2026	Approved By  Nayna Nehete Date: 23/05/2026 
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