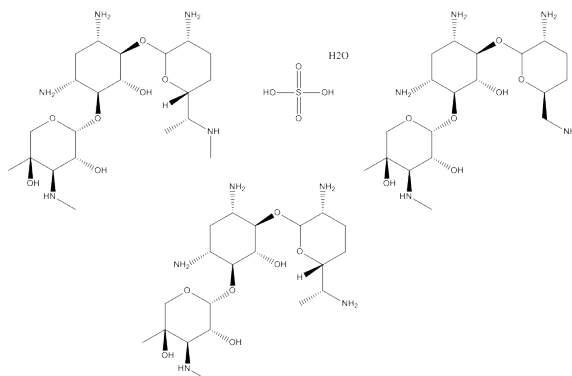


## Certificate Of Analysis

**Name:** Gentamycin sulfate  
**CAS No.:** 1405-41-0  
**Cat No.:** A807661  
**Molecular Formula:** C<sub>60</sub>H<sub>127</sub>N<sub>15</sub>O<sub>26</sub>S  
**Molecular Weight:** 1506.82  
**Batch No.:** G11052022  
**Mfg.Date:** 2022.05.11  
**Exp.Date:** 2024.05.10



Items	Specifications	Results
Appearance	Off-white powder	Conforms
Identification	Conforms	Conforms
Solubility	Soluble in water, insoluble in ethanol and ether	Conforms
Specific optical rotation	+107°~ +121°	+119°
PH	3.5-5.5	4.9
Solution	Conforms	Conforms
Related compounds	Compostion C1 25.0~50.0% Compostion C1a 10.0~35.0% Compostion C2+C2a 25.0~55.0%	25.6% 25.7% 48.7%
Sulphated	32.0-35.0%	33.8%
Water	≤15.0%	8.4%
Ash	≤1.0%	0.3%
Bacterial endotoxins	<1.67EU/mg	Conforms
Assay	≥590IU/mg(Anhydrous/ Hydrous)	688IU/mg 630IU/mg
Conclusion	The product tested complies with the specifications.	

**Storage condition: Store in a tightly closed container in a cool and dry place.**

Checker:

\*If you have any comments and suggestions, please contact us by [sales@amadischem.com](mailto:sales@amadischem.com)

\*For laboratory or manufacturing use only, not for drug, food and household use.