



# Certificate of analysis

Product name: Tobramycin

Cas number: 32986-56-4

Molecular Formula: C<sub>18</sub>H<sub>37</sub>N<sub>5</sub>O<sub>9</sub>

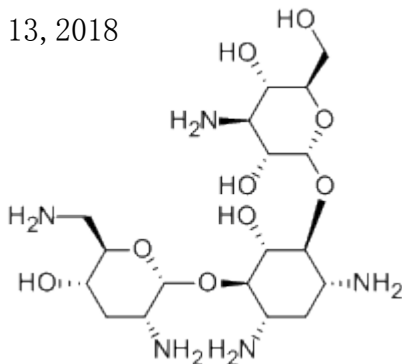
Molecular Weight: 467.51

Date of production: Jan. 13, 2018

Batch NO: 20180113

EXP DATE: Jan. 13, 2020

Chemical structure:



Items	Specifications	Results
Identification	Conform	Conform
PH	6.0-8.0	7.85
Water	≤2.0%	1.27%
Residue on ignition	≤1.0%	0.08%
Heavy metals	≤0.003%	Conform
Chromatographic purity	≤1.0%	Conform
Bacterial endotoxins	≤2.00EU/mg	Conform
Assay	634-739ug/mg	697ug/mg
Residual ethanol	≤0.5%	Absent

**Conclusion: It complies with the USP36 Standard.**

Analyst: Zhao

Checker: Liu

