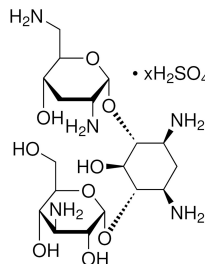


# Certificate of Analysis

**Product Name :** Tobramycin sulfate salt aminoglycoside antibiotic  
**Product Number :** T1783-100MG  
**Batch Number :** 0000198744  
**Source Batch :** 169450  
**Storage Temperature :** Cooler/Refrigerated  
**Molecular Formula :**  $C_{18}H_{37}N_5O_9 \cdot xH_2SO_4$   
**Formula Weight :** 467.51 (free base basis)  
**Recommended Retest Date :** Apr 2024  
**Quality Release Date :** 29 Jun 2022



Test	Specification	Result
Appearance (Color)	White to Off White	White
Appearance (Form)	Powder	Powder
Solubility (Color)	Colorless to Faint Yellow	Colorless
Solubility (Turbidity)	Clear to Slightly Hazy	Clear
50 mg/mL, H <sub>2</sub> O		
Infrared Spectrum	Conforms to Structure	Conforms
Potency	634 - 739 µg/mg	699 µg/mg
Loss on Drying	≤ 2.0 %	1.4 %
Purity (TLC)	≥ 98 %	> 98 %

Anna Bendersky, Quality Control Manager  
 Quality Control  
 Israel  
 IL

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at [Sigma-Aldrich.com](http://Sigma-Aldrich.com). For further inquiries, please contact Technical Service. Purchase must determine the suitability of the product for its particular use. See reverse side of website or packing slip for additional terms and conditions of sale

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