



# CERTIFICATE OF ANALYSIS

*The Power to Question*

Catalog Number: sc-338716  
Lot Number: SAMPLE  
Product Name: Tobramycin A  
CAS Number: 20744-51-8  
Molecular Formula:  $C_{12}H_{25}N_3O_7$   
Molecular Weight: 323.34

| Test                               | Specification                      | Result   |
|------------------------------------|------------------------------------|----------|
| Appearance                         | Pale beige to light brown solid    | Complies |
| Identification (1H-NMR)            | Conforms to structure              | Complies |
| Identification (Mass Spectrometry) | Conforms to structure              | Complies |
| Purity (TLC)                       | 95 %                               | Complies |
| Elemental Analysis                 | %C: 44.57<br>%H: 7.79<br>%N: 13.00 | Complies |
| Melting Point                      | > 158 °C (dec.)                    | Complies |

Satisfaction Guarantee: We appreciate your business and are committed to providing the highest level of quality and service. Any product that does not meet the performance standards indicated in our product literature will be replaced at no charge. Our policy is valid for one year from the date of your purchase.

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