





Certificate of Analysis

| Product Name | Tobramycin Sulfate |
|--------------|--------------------|
| Catalog No. | V4688 |
| Batch No. | V468801 |

1. Physical and Chemical Properties

| Appearance | Powder |
|-------------------|--------------|
| Molecular Formula | C18H39N5O13S |
| Molecular Weight | 565.59 |
| Purity | ≥98.0% |
| CAS No. | 79645-27-5 |

2. Analytical Data

| HPLC | Indicates ≥98.0% purity |
|---------------|---------------------------|
| NMR | Consistent with structure |
| Mass Spectrum | Consistent with structure |

3. Structure

$$H_2N$$
, H_2 H_2N H_2 H_3 H_4 H_5 H_5 H_5 H_5 H_6 H_6 H_7 H_8 H

4. Storage Condition

Tel: +1 708 310-1919

| Short term storage (weeks) | 0 - 4 °C under dry condition |
|----------------------------|------------------------------|
| Long term storage (months) | -20 °C under dry condition |

Products are for research use only • Not for human or veterinary use

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