

| | |
|-------------------|---|
| Item Number | T1598 |
| Item | Tobramycin Sulfate, USP |
| CAS Number | 79645-27-5 |
| Molecular Formula | $(C_{18}H_{37}N_5O_9)_2 \cdot 5H_2SO_4$ |
| Molecular Weight | 1425.42 |
| MDL Number | |
| Synonyms | Nebcin |

| Test | Specification | |
|--------------------------------|---|-----------|
| | Min | Max |
| APPEARANCE | | |
| ASSAY ($C_{18}H_{37}N_5O_9$) | 634 | 739 µg/mg |
| pH | 6.0 | 8.0 |
| WATER DETERMINATION | | 7.0 % |
| RESIDUE ON IGNITION | | 1.0 % |
| ELEMENTAL IMPURITIES | AS REPORTED | |
| ORGANIC IMPURITIES | BLUISH-PURPLE | |
| IDENTIFICATION (A) | THE Rf VALUE OF THE PINK SPOT CORRESPONDS TO THE STANDARD | |
| IDENTIFICATION (B) | RETENTION TIME CORRESPONDS TO STANDARD | |
| IDENTIFICATION (C) | POSITIVE FOR SULFATE | |
| EXPIRATION DATE | | |
| DATE OF MANUFACTURE | | |
| MONOGRAPH EDITION | | |
| RESIDUAL SOLVENTS | AS REPORTED | |

Spectrum Chemical Mfg Corp

| | |
|--------------------------------|-----------------------------|
| Corporate Headquarters: | West Coast Facility: |
| 769 Jersey Ave. | 14422 S. San Pedro St. |
| New Brunswick, NJ 08901 | Gardena, CA 90248 |
| 732.214.1300 | 310.516.8000 |