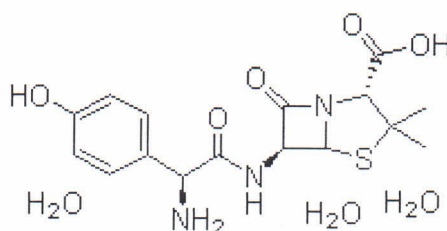




Batch No 6020122205006
Mfg Date May 09 2022
Retest Date May 08 2025

Molecular Structure



Molecular Formula $C_{16}H_{19}N_3O_5S \cdot 3(H_2O)$
Molecular Weight 419.45
CAS Registry Number 61336-70-7

Feb 09 2023

| <u>Tests</u> | <u>Specifications</u> | <u>Results</u> |
|------------------------|--|----------------------------|
| Appearance | A white or almost white crystalline powder | A white crystalline powder |
| Identification | IR | Positive |
| Appearance of solution | ≤reference suspension II | < II |
| Specific rotation | +290 ~ +315° | +303° |
| pH | 3.5 ~ 5.5 | 5.0 |
| Water | 11.5 ~ 14.5% | 12.9% |
| Sulfated ash | ≤ 1.0% | 0.04% |
| Related substances | Single impurity ≤ 1.0% | 0.03% |
| Dimethylaniline | ≤ 20 ppm | Not used |
| Assay (oab) | 95.0 ~ 102.0% of $C_{16}H_{19}N_3O_5S$ | 99.2% |

| | |
|-------------------|-------------------------------|
| Packing & storage | In an airtight container |
| Conclusion | Material complies with BP2017 |

