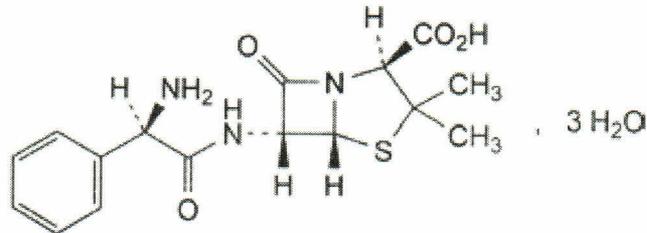


Batch no 6030122506061  
Mf date Jun 08 2025  
Expiry Jun 07 2028

Molecular Structure



Molecular Formula  $C_{16}H_{19}N_3O_4S \cdot 3H_2O$

Molecular Weight 403.5

CAS Registry Number 7177-48-2

Oct 15 2025

<u>Tests</u>	<u>Specifications</u>	<u>Results</u>
Appearance	A white or almost white crystalline powder	A white crystalline powder
Identification	IR	Positive
Specific optical rotation	+280 ~ +305°	+296°
Appearance of solution	The solutions are not more opalescent than reference suspension II	< II
pH	3.5 ~ 5.5	4.5
Water	12.0 ~ 15.0%	13.6%
Related substances	Any impurity ≤ 1.0%	0.08%
Dimethylaniline	≤ 20 ppm	Not used in production
Sulfated ash	≤ 0.5%	0.15%
Assay (oab)	96.0 ~ 102.0% of $C_{16}H_{19}N_3O_4S$	99.6%

Packaging & storage	In an airtight container
Conclusion	Material complies with BP2019