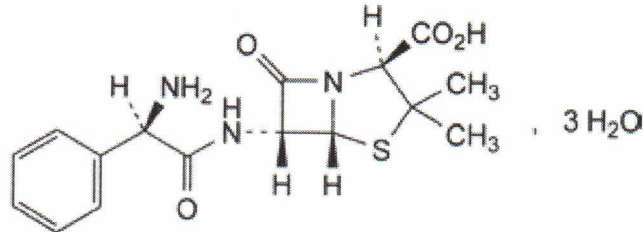




Batch no 6030122409001
Mf date Sep 08 2024
Expiry Sep 07 2027
Batch size 1550 kg

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 22 2024

<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°	+298°
Appearance of solution	The solutions are not more opalescent than reference suspension II	< II
pH	3.5 ~ 5.5	4.7
Water	12.0 ~ 15.0%	13.0%
Related substances	Any impurity ≤ 1.0%	0.1%
Dimethylaniline	≤ 20 ppm	Not used in production
Sulfated ash	≤ 0.5%	0.04%
Assay (oab)	96.0 ~ 102.0% of $C_{16}H_{19}N_3O_4S$	99.9%

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