

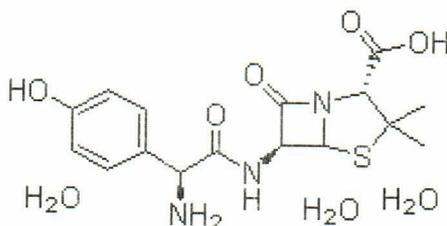


Compounding Amoxicillin Trihydrate Powder BP2017

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Batch No 6020122511001
Mfg Date Nov 21 2025
Retest Date Nov 20 2028

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

Jan 21 2026

<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°	+305°
pH	3.5 ~ 5.5	5.1
Water	11.5 ~ 14.5%	13.3%
Sulfated ash	≤ 1.0%	0.13%
Related substances	Single impurity ≤ 1.0%	0.03%
Dimethylaniline	≤ 20 ppm	Not used
Assay (oab)	95.0 ~ 102.0% of $C_{16}H_{19}N_3O_5S$	99.8%

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