

Certificate of Analysis

Compound Information

Product Name: Ampicillin trihydrate
CAS No.: 7177-48-2
Cat. No.: G5290891
Molecular Formula: $C_{16}H_{19}N_3O_4S \cdot 3H_2O$
Molecular Weight: 403.45

Batch Information

Batch No.: 3672873
Test Date: 2026-01-07
Report Date: 2026-01-08
Retest Date: 2031-07-05
Storage: 2-8°C
Origin: China

Test Item

Test	Specification	Result
Purity	98%+(HPLC)	99.95%
NMR	Consistent with structure	Consistent with structure
Optical Rotation	280?305	287.96

Conclusion

The product has been tested and complies with the given specifications.

Signature

Reviewed by :



Reviewed by:



Approved by:

