

# Certificate of Analysis

## Compound Information

**Product Name:** Ampicillin sodium salt  
**CAS No.:** 69-52-3  
**Cat. No.:** G5940073  
**Molecular Formula:**  $C_{16}H_{18}N_3NaO_4S$   
**Molecular Weight:** 371.39

## Batch Information

**Batch No.:** 5619933  
**Test Date:** 2025-03-06  
**Report Date:** 2025-03-07  
**Retest Date:** 2030-09-01  
**Storage:** 2-8°C  
**Origin:** China

## Test Item

| Test             | Specification             | Result                    |
|------------------|---------------------------|---------------------------|
| Purity           | 96%(HPLC)                 | 96.89%                    |
| NMR              | Consistent with structure | Consistent with structure |
| Optical Rotation | '280~305                  | 280.11                    |

## Conclusion

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

## Signature

Reviewed by :



Reviewed by:



Approved by:

