

# Certificate of Analysis

## Compound Information

**Product Name:** Cinchonine  
**CAS No.:** 118-10-5  
**Cat. No.:** G5345435  
**Molecular Formula:**  $C_{19}H_{22}N_2O$   
**Molecular Weight:** 294.39

## Batch Information

**Batch No.:** 3009083  
**Test Date:** 2026-01-27  
**Report Date:** 2026-01-28  
**Retest Date:** 2032-07-24  
**Storage:** Store in a cool, dry area.  
**Origin:** China

## Test Item

Test	Specification	Result
Purity	98%(NMR), Mixture of isomers	Conforms to specification
NMR	Consistent with structure	Consistent with structure
Optical Rotation	218.0~228.0°	220.97

## Conclusion

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

## Signature

Reviewed by :



Reviewed by:



Approved by:

