

# Certificate of Analysis

## Compound Information

**Product Name:** Quinine Monohydrochloride Dihydrate  
**CAS No.:** 6119-47-7  
**Cat. No.:** G3736127  
**Molecular Formula:**  $C_{20}H_{24}N_2O_2 \cdot HCl \cdot 2H_2O$   
**Molecular Weight:** 396.91

## Batch Information

**Batch No.:** 7420411  
**Test Date:** 2024-06-13  
**Report Date:** 2024-06-14  
**Retest Date:** 2029-12-09  
**Storage:** Store in a cool, dry area.  
**Origin:** China

## Test Item

| Test             | Specification             | Result                    |
|------------------|---------------------------|---------------------------|
| Purity           | 93%(HPLC)                 | 95.41%                    |
| NMR              | Consistent with structure | Consistent with structure |
| Optical Rotation | -245°~-255°               | -245.8                    |

## Conclusion

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

## Signature

Reviewed by :



Reviewed by:



Approved by:

