

# Certificate of Analysis

## Compound Information

**Product Name:** (S)-Propranolol Hydrochloride  
**CAS No.:** 4199-10-4  
**Cat. No.:** G4102191  
**Molecular Formula:** C<sub>16</sub>H<sub>22</sub>ClNO<sub>2</sub>  
**Molecular Weight:** 295.8

## Batch Information

**Batch No.:** 2371233  
**Test Date:** 2024-12-22  
**Report Date:** 2024-12-23  
**Retest Date:** 2030-06-19  
**Storage:** 2-8°C  
**Origin:** China

## Test Item

Test	Specification	Result
Purity	98%+(HPLC)	99.28%
NMR	Consistent with structure	Consistent with structure
Optical Rotation	-22.0~-26	-23.66

## Conclusion

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

## Signature

Reviewed by :



Reviewed by:



Approved by:

