

Certificate of Analysis

Compound Information

Product Name: Naloxone Hydrochloride Dihydrate
CAS No.: 51481-60-8
Cat. No.: G3081908
Molecular Formula: $C_{19}H_{21}NO_4 \cdot HCl \cdot 2H_2O$
Molecular Weight: 399.87

Batch Information

Batch No.: 4431653
Test Date: 2025-07-31
Report Date: 2025-08-01
Retest Date: 2031-01-26
Storage: 2-8°C
Origin: China

Test Item

Test	Specification	Result
Purity	98%	99.94%
NMR	Consistent with structure	Consistent with structure
Optical Rotation	-170 TO -181	-178.64

Conclusion

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

Signature

Reviewed by :



Reviewed by:



Approved by:

