

Certificate of Analysis

Compound Information

Product Name: Dexmedetomidine Hydrochloride
CAS No.: 145108-58-3
Cat. No.: G3781400
Molecular Formula: C₁₃H₁₇ClN₂
Molecular Weight: 236.74

Batch Information

Batch No.: 0624973
Test Date: 2026-01-15
Report Date: 2026-01-16
Retest Date: 2031-07-13
Storage: 2-8°C
Origin: China

Test Item

Test	Specification	Result
Purity	99%(HPLC)	99.89%
NMR	Consistent with structure	Consistent with structure
Optical Rotation	+49.0 to +54.0	51.76

Conclusion

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

Signature

Reviewed by :



Reviewed by:



Approved by:

