

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-12-20 08:54:41

Date of Next Testing: 2026-12-20 08:54:41

Product Name: **Dexmedetomidine HCl**

CAS Number: 145108-58-3

Specifications & Purity: Moligand™, ≥98%

Lot #: E2129170

SKU #: **D129813**

Version: **0**

Analysis #: **452477**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	98.27600 %
Specific Rotation [α] ₂₀ /D(c=1 in H ₂ O)	48-58 (°)	51.78000 °
Appearance (D129813)	white to beige powder	white to beige powder
NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager