

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-02-03 14:46:22

Date of Next Testing: 2028-02-03 14:46:22

Product Name: **Dexmedetomidine HCl**

CAS Number: 145108-58-3

Specifications & Purity: Moligand™, ≥98%

Lot #: D2412032

SKU #: **D129813**

Version: **0**

Analysis #: **646806**

Storage Temperature: Store at 2-8°C

| Parameter                                                       | Limit Values          | Result                |
|-----------------------------------------------------------------|-----------------------|-----------------------|
| Purity(HPLC)                                                    | 98-100 (%)            | 98.29800 %            |
| Specific Rotation [α] <sub>20</sub> /D(c=1 in H <sub>2</sub> O) | 48-58 (°)             | 51.39800 °            |
| Appearance (D129813)                                            | white to beige powder | white to beige powder |
| NMR spectrum                                                    | Conforms to Structure | Conforms to Structure |



John Su  
QA & QC Manager