

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-03-08 13:33:02

Date of Next Testing: 2027-03-08 13:33:02

Product Name: **Dexmedetomidine**

CAS Number: 113775-47-6

Specifications & Purity: Moligand™, ≥98%

Lot #: C2505288

SKU #: **D129818**

Version: **2**

Analysis #: **483092**

Storage Temperature: Store at 2-8°C, Protected from light

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.90000 %
Specific Rotation [α] ₂₀ /D(c=1 in MeOH)	62-64 (°)	63.80000 °
Appearance (D129818)	Off-White to Pale Yellow Crystals, Powder or Flakes	Off-White to Pale Yellow Crystals, Powder or Flakes
NMR spectrum	Conforms to Structure	Conforms to Structure
LC-MS for identification	Conforms	Conforms



John Su
QA & QC Manager