

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-08-26 16:44:01
 Date of Next Testing: 2027-08-26 16:44:01
 Product Name: **Dexmedetomidine**
 CAS Number: 113775-47-6
 Specifications & Purity: Moligand™, ≥98%
 Lot #: H2525242
 SKU #: **D129818**
 Version: **2**
 Analysis #: **564419**
 Storage Temperature: Store at 2-8°C, Protected from light

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.53900 %
Specific Rotation [α] ₂₀ /D(c=1 in MeOH)	62-64 (°)	63.96200 °
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