

Certificate of Analysis

Date of Testing: 2025-08-26 11:18:10

Date of Next Testing: 2027-08-26 11:18:10

Product Name: **Dexmedetomidine**

CAS Number: 113775-47-6

Specifications & Purity: Moligand™, ≥98%

Lot #: H2525241

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 (°)	63.96 °
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