

Certificate of Analysis

Date of Testing: 2025-03-08 13:31:41
Date of Next Testing: 2027-03-08 13:31:41
Product Name: **Dexmedetomidine**
CAS Number: 113775-47-6
Specifications & Purity: Moligand™, ≥98%
Lot #: C2505290
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 (°)	63.80°
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