

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-12-21 09:08:25
Date of Next Testing: 2025-12-20 09:08:25
Product Name: **Dexmedetomidine**
CAS Number: 113775-47-6
Specifications & Purity: $\geq 98\%$
Lot #: L2314116
SKU #: **D129818**
Analysis: **299807**
Storage Temperature: Store at 2-8°C, Protected from light

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	98.54000 %
Specific Rotation [a] _D 20/D(c=1 in MeOH)	62-64 (°)	63.81°
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