

ALADDIN SCIENTIFIC CORPORATION  
14078 Meridian Parkway, Riverside, CA. 92518

### Certificate of Analysis

Date of Testing: 2025-11-15 09:07:16  
Date of Next Testing: 2029-11-14 09:07:16  
Product Name: **Methylnaltrexone bromide**  
CAS Number: 73232-52-7  
Specifications & Purity: ≥98%  
Lot #: K2513531  
SKU #: **M769866**  
Version: **1**  
Analysis #: **582063**  
Storage Temperature: Store at -20°C, Argon charged

Parameter	Limit Values	Result
Purity(HPLC area)	98-100 (%)	99.66 %
Appearance(M769866)	White to Light yellow powder to crystal	White to Light yellow powder to crystal
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure
LC-MS for identification	Conforms	Conforms



John Su  
QA & QC Manager