

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-12-18 16:49:06

Date of Next Testing: 2027-12-18 16:49:06

Product Name: **Tiotropium Bromide**

CAS Number: 136310-93-5

Specifications & Purity: $\geq 98\%$

Lot #: L2412173

SKU #: **T162848**

Version: **0**

Analysis #: **453096**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(Titration by AgNO ₃)	97.5-102.5 (%)	100.05000 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager