

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-12-06 14:44:56
Date of Next Testing: 2023-12-06 14:44:56
Product Name: **R-(-)-Apomorphine hydrochloride hemihydrate**
CAS Number: 41372-20-7
Specifications & Purity: 98%
Lot #: K2212027
SKU #: **A276058**
Analysis: 146486
Storage Temperature: Store at -20°C, Argon charged, Desiccated

Parameter	Limit Values	Result
Purity(Titration by AgNO ₃)	97.5-102.5 (%)	100.10 %
Specific Rotation [α] ₂₀ /D(c=1 in H ₂ O)	-53~-42.8 (°)	-48.00 °
Proton NMR spectrum	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager