

Certificate of Analysis

Date of Testing: 2025-04-12 11:03:39

Date of Next Testing: 2026-04-12 11:03:39

Product Name: **R-(-)-Apomorphine hydrochloride hemihydrate**

CAS Number: 41372-20-7

Specifications & Purity: $\geq 98\%$

Lot #: D2502146

SKU #: **A276058**

Version: **1**

Analysis #: **412604**

Storage Temperature: Store at -20°C, Argon charged, Desiccated

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in H}_2\text{O})$	-53--42.8 (°)	-48.00 °
Purity(Titration by AgNO ₃)	97.5-102.5 (%)	100.10 %
Proton NMR spectrum	Conforms to structure	Conforms to Structure

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager