

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-10-24 09:37:11

Date of Next Testing: 2025-10-23 09:37:11

Product Name: **Pramipexole 2HCl Monohydrate**

CAS Number: 191217-81-9

Specifications & Purity: $\geq 98\%$ (HPLC)

Lot #: L2121559

SKU #: **P129443**

Version: **0**

Analysis #: **288628**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Nitrogen by Elemental Analysis	13.1-14.4 (%)	13.87000 %
Water by Karl Fischer	5-7 (%)	6.30000 %
Carbon by Elemental Analysis	39.4-40.2 (%)	39.68000 %
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in MeOH})(\text{calcd. on anh. substance})$	-69--65 (°)	-65.30000 °
Purity(HPLC)	98-100 (%)	99.35660 %
Appearance (P129443)	White to Off-White Powder	White to Off-White Powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager