

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-03-01 15:15:10

Date of Next Testing: 2027-02-28 15:15:10

Product Name: **Duloxetine Hydrochloride**

CAS Number: 136434-34-9

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

Lot #: B2327542

SKU #: **D123291**

Version: **0**

Analysis #: **155287**

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

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.65800 %
Specific Rotation $[\alpha]_{20/D(c=1 \text{ in MeOH})}$	120-124 (°)	124.00000 °
Appearance (D123291)	white to beige powder	white to beige powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager