

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-03-01 16:12:29

Date of Next Testing: 2027-02-28 16:12:29

Product Name: **Duloxetine Hydrochloride**

CAS Number: 136434-34-9

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

Lot #: B2327655

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