

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-12-13 15:30:23

Date of Next Testing: 2024-12-12 15:30:23

Product Name: **Sertraline HCl**

CAS Number: 79559-97-0

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

Lot #: B2102039

SKU #: **S129789****Analysis: 167356**

Storage Temperature: Store at 2-8°C

| Parameter | Limit Values | Result |
|--|---------------------------|---------------------------|
| Purity(HPLC) | 98-100 (%) | 98.08500 % |
| Melting point | 245-249 (°C) | 246.40000 °C |
| Purity(NonaqueousTitration) | 98-100 (%) | 98.20 % |
| Specific Rotation $[\alpha]_{20/D}(c=2 \text{ in MeOH})$ | 35-41 (°) | 37.30° |
| Appearance (S129789) | White to Off-White Powder | White to Off-White Powder |
| Infrared spectrum | Conforms to Structure | Conforms to Structure |

John Su
QA & QC Manager