

Certificate of Analysis

Date of Testing: 2023-09-09 16:34:44
Date of Next Testing: 2025-09-08 16:34:44
Product Name: **Sertraline HCl**
CAS Number: 79559-97-0
Specifications & Purity: $\geq 98\%$ (HPLC)
Lot #: I2307055
SKU #: **S129789**
Analysis: **057039**
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	98.19000 %
Purity(NonaqueousTitration)	98-100 (%)	99.00 %
Specific Rotation $[\alpha]_{20/D}(c=2 \text{ in MeOH})$	35-41 ($^{\circ}$)	39.90 $^{\circ}$
Melting point	245-249 ($^{\circ}\text{C}$)	248.98000 $^{\circ}\text{C}$
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