

## Certificate of Analysis

Date of Testing: 2023-08-07 09:33:44  
Date of Next Testing: 2025-08-06 09:33:44  
Product Name: **Pazufloxacin Mesylate**  
CAS Number: 163680-77-1  
Specifications & Purity:  $\geq 98.0\%$ (HPLC)  
Lot #: K2104502  
SKU #: **P133027**  
**Analysis:** **260655**  
Storage Temperature: Store at  $-20^{\circ}\text{C}$

Parameter	Limit Values	Result
Purity(Neutralization titration)	97.5-102.5 (%)	99.30 %
Purity(HPLC)	98-100 (%)	98.00700 %
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in } 1\text{mol/L NaOH})$	-64--61 ( $^{\circ}$ )	-62.55 $^{\circ}$
Appearance (P133027)	White to Off-White Powder or Crystals	White to Off-White Powder or Crystals
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager