

## Certificate of Analysis

Date of Testing: 2022-11-11 16:23:41  
Date of Next Testing: 2026-11-10 16:23:41  
Product Name: **Tirofiban hydrochloride monohydrate**  
CAS Number: 150915-40-5  
Specifications & Purity: 98%  
Lot #: K2201848  
SKU #: **T120233**  
**Analysis: 115078**  
Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.82200 %
Specific Rotation [α] <sub>20</sub> /D(c=1 in MeOH)	-18--10 (°)	-17.86 °
Water by Karl Fischer	3.1-4.1 (%)	3.52 %
Appearance (T120233)	white to beige powder	white to beige powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to structure	Conforms to Structure
Solubility in DMSO , >12 mg/MI	Conforms	Conforms



John Su  
QA & QC Manager