

Certificate of Analysis

Date of Testing: 2023-09-05 10:03:50
Date of Next Testing: 2027-09-04 10:03:50
Product Name: **Tirofiban hydrochloride monohydrate**
CAS Number: 150915-40-5
Specifications & Purity: 98%
Lot #: K1915178
SKU #: **T120233**
Analysis: 271343
Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Specific Rotation [α] ₂₀ /D(c=1 in MeOH)	-18--10 (°)	-16.30°
Purity(HPLC)	98-100 (%)	98.20110%
Water by Karl Fischer	3.1-4.1 (%)	3.66%
Appearance (T120233)	white to beige powder	white to beige powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in DMSO , >12 mg/ML	Conforms	Conforms
Proton NMR spectrum	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager