

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-09-16 14:37:14
 Date of Next Testing: 2029-09-15 14:37:14
 Product Name: **Tirofiban hydrochloride monohydrate**
 CAS Number: 150915-40-5
 Specifications & Purity: $\geq 98\%$
 Lot #: K2130612
 SKU #: **T120233**
 Version: **2**
 Analysis #: **572710**
 Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in MeOH})$	-18--10 ($^{\circ}$)	-16.22000 $^{\circ}$
Purity(HPLC)	98-100 (%)	99.87300 %
Water by Karl Fischer	3.1-4.1 (%)	3.52000 %
Appearance (T120233)	white to beige powder	white to beige powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in DMSO , $>12 \text{ mg/ML}$	Conforms	Conforms
Proton NMR spectrum	Conforms to structure	Conforms to Structure



John Su
 QA & QC Manager