

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-05-18 15:48:15

Date of Next Testing: 2027-05-17 15:48:15

Product Name: **Bivalirudin Trifluoroacetate**

CAS Number: 128270-60-0 (free base)

Specifications & Purity: $\geq 99\%$

Lot #: E2310465

SKU #: **B302328**

Version: **1**

Analysis #: **148405**

Storage Temperature: Protected from light, Store at -20°C

Parameter	Limit Values	Result
Purity(HPLC)	99-100 (%)	99.70000 %
PH(1mg/L,water)	2.5-4.5	2.51000
Specific rotation $[\alpha]_{20/D}$ (5mg/L ,1% Acetic acid)	$-120 \sim -100$ (°)	-101.00000 °
Appearance (B302328Form)	Powder	Powder
Appearance (B302328Color)	White	White
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager