

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-10-25 13:40:13  
Date of Next Testing: 2027-10-24 13:40:13  
Product Name: **L-Adrenaline**  
CAS Number: 51-43-4  
Specifications & Purity: 98%  
Lot #: J2323060  
SKU #: **E113174**  
**Analysis:** **123260**  
Storage Temperature: Protected from light,Store at -20°C,Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.88000 %
Specific rotation [ $\alpha$ ] <sub>20</sub> /D(C=1 in 0.6N HCl)	-53.5 ~ -49.5 (°)	-49.51000 °
Appearance (E113174)	White to cream to light brown to light gray crystals or powder or crystalline powder or Solid	White to cream to light brown to light gray crystals or powder or crystalline powder or Solid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager