

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-09-14 12:59:12

Date of Next Testing: 2028-09-13 12:59:12

Product Name: **Epinephrine Bitartrate**

CAS Number: 51-42-3

Grades & Purity: Moligand™, ≥98%

Lot #: I2611424

SKU #: **E129809**

Version: **2**

Analysis #: **759856**

Storage Temperature: Store at 2-8°C, Protected from light, Argon charged

Parameter	Limit Values	Result
Nitrogen by Elemental Analysis	3.9-4.5 (%)	4.38500 %
Carbon by Elemental Analysis	45.9-47.8 (%)	46.52600 %
Specific Rotation [α] ₂₀ /D(c=2 in H ₂ O)	-18--15 (°)	-17.98000 °
Purity(HPLC)	98-100 (%)	100.00000 %
Appearance (E129809)	white to white with a light yellow cast powder	white to white with a light yellow cast powder
Solubility in H ₂ O , clear colorless to faint yellow solution at 50mg/ml	pass	Pass
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager