

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-03-21 11:21:14

Date of Next Testing: 2026-03-20 11:21:14

Product Name: **2'-Deoxyadenosine monohydrate**

CAS Number: 16373-93-6

Specifications & Purity: $\geq 99\%$ (HPLC)

Lot #: C2218597

SKU # **D111686**

Version **0**

Analysis #: **078715**

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

Parameter	Limit Values	Result
Water by Karl Fischer	5-7.5 (%)	6.72650 %
Specific Rotation $[\alpha]_{20/D}(c=0.5 \text{ in H}_2\text{O})$	-27--24 (°)	-25.08800 °
Purity(HPLC)	99-100 (%)	99.79700 %
Appearance (D111686)	White powder	White powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , Colorless ,Clear ,50 mg/mL in H ₂ O	pass	Pass



John Su
QA & QC Manager