

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-09-08 14:34:04  
Date of Next Testing: 2029-09-07 14:34:04  
Product Name: **2'-Deoxyadenosine monohydrate**  
CAS Number: 16373-93-6  
Specifications & Purity:  $\geq 99\%$ (HPLC)  
Lot #: K2123584  
SKU #: **D111686**  
Version: **0**  
Analysis #: **568679**  
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Water by Karl Fischer	3.5-9.7 (%)	7.46%
Specific Rotation $[\alpha]_{20/D}(c=0.5 \text{ in H}_2\text{O})$	-27--24 (°)	-26.14°
Purity(HPLC)	99-100 (%)	99.62910%
Appearance (D111686)	White powder	White powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H <sub>2</sub> O , Colorless ,Clear ,50 mg/mL in H <sub>2</sub> O	pass	Pass



John Su  
QA & QC Manager