

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-01-09 15:47:54  
 Date of Next Testing: 2027-01-08 15:47:54  
 Product Name: **2'-Deoxyadenosine monohydrate**  
 CAS Number: 16373-93-6  
 Specifications & Purity:  $\geq 99.0\%$ (HPLC)  
 Lot #: D1909183  
 SKU #: **D111686**  
**Analysis:** **176625**  
 Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Water by Karl Fischer	5-7.5 (%)	7.09 %
Specific Rotation $[\alpha]_{20}/D(c=0.5 \text{ in H}_2\text{O})$	-27--24 (°)	-24.82°
Purity(HPLC)	99-100 (%)	99.97200 %
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