

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-12-28 15:19:18
 Date of Next Testing: 2026-12-27 15:19:18
 Product Name: **2'-Deoxyadenosine monohydrate**
 CAS Number: 16373-93-6
 Specifications & Purity: $\geq 99\%$ (HPLC)
 Lot #: L2227056
 SKU #: **D111686**
 Version: **0**
 Analysis #: **167682**
 Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Water by Karl Fischer	5-7.5 (%)	5.29780 %
Purity(HPLC)	99-100 (%)	99.18700 %
Specific Rotation $[\alpha]_{20/D}(c=0.5 \text{ in H}_2\text{O})$	-27--24 (°)	-26.98000 °
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