

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-05-26 11:01:05
 Date of Next Testing: 2029-05-25 11:01:05
 Product Name: **2'-Deoxyadenosine monohydrate**
 CAS Number: 16373-93-6
 Specifications & Purity: $\geq 99\%$ (HPLC)
 Lot #: E2522163
 SKU #: **D111686**
 Version: **0**
 Analysis #: **505098**
 Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	99-100 (%)	100.00000 %
Water by Karl Fischer	3.5-9.7 (%)	3.51000 %
Specific Rotation $[\alpha]_{20/D}(c=0.5 \text{ in H}_2\text{O})$	-27--24 (°)	-26.90000 °
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