

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 #: K2123553
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 ₂ O , Colorless ,Clear ,50 mg/mL in H ₂ O	pass	Pass



John Su
QA & QC Manager