

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-07-29 15:00:56
Date of Next Testing: 2027-07-28 15:00:56
Product Name: **2'-Deoxyadenosine monohydrate**
CAS Number: 16373-93-6
Specifications & Purity: $\geq 99.0\%$ (HPLC)
Lot #: G2325251
SKU #: **D111686**
Analysis: 187272
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Water by Karl Fischer	5-7.5 (%)	6.69%
Purity(HPLC)	99-100 (%)	99.70800%
Specific Rotation $[\alpha]_{20/D}(c=0.5 \text{ in H}_2\text{O})$	-27--24 (°)	-26.90°
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