

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-08-11 10:16:39
 Date of Next Testing: 2026-08-10 10:16:39
 Product Name: **2',3'-Dideoxyadenosine**
 CAS Number: 4097-22-7
 Specifications & Purity: $\geq 98\%$
 Lot #: L1228012
 SKU #: **D119466**
 Version: **1**
 Analysis #: **123789**
 Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D(c=1 \text{ in H}_2\text{O})}$	-34--27 (°)	-28.05000 °
Purity(HPLC)	98-100 (%)	99.87600 %
Purity(Nonaqueous Titration)	98-100 (%)	99.02000 %
Melting point	181-190 (°C)	186.21000 °C
Appearance (D119466)	White to Almost white powder to crystal	White to Almost white powder to crystal
Solubility in H ₂ O , clear colorless , 100mg/ml in water	pass	Pass
Proton NMR spectrum	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager