

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-03-11 16:41:56

Date of Next Testing: 2028-03-10 16:41:56

Product Name: **5'-Chloro-5'-deoxyadenosine hydrate**

CAS Number: 698999-09-6

Specifications & Purity:  $\geq 97\%$

Lot #: F2214706

SKU #: **C340352**

Version: **1**

**Analysis #:** **480261**

Storage Temperature: Store at -20°C

| Parameter                                                 | Limit Values                          | Result                                |
|-----------------------------------------------------------|---------------------------------------|---------------------------------------|
| Purity(HPLC)                                              | 97-100 (%)                            | 99.41700 %                            |
| specific rotation $[\alpha]_{20/D(C=1 \text{ in water})}$ | -34--30 (°)                           | -33.21400 °                           |
| Appearance(C340352)                                       | White to Off-White powder or Crystals | White to Off-White Powder or Crystals |
| Proton NMR spectrum                                       | Conforms to structure                 | Conforms to Structure                 |

A handwritten signature in black ink that reads "John Su".

John Su  
QA & QC Manager