

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-02-05 16:56:53

Date of Next Testing: 2029-02-04 16:56:53

Product Name: **Adenine**

CAS Number: 73-24-5

Specifications & Purity:  $\geq 99.5\%$ (HPLC)

Lot #: A2521063

SKU #: **A108805**

Version: **0**

Analysis #: **457891**

Storage Temperature: Room temperature

| Parameter                                                                   | Limit Values              | Result                    |
|-----------------------------------------------------------------------------|---------------------------|---------------------------|
| Purity(HPLC)                                                                | 99.5-100 (%)              | 99.92000 %                |
| Appearance (A108805)                                                        | White to Off-White Powder | White to Off-White Powder |
| Infrared spectrum                                                           | Conforms to Structure     | Conforms to Structure     |
| Proton NMR spectrum                                                         | Conforms to Structure     | Conforms to Structure     |
| Solubility in 0.5 M HCl , Colorless to Faint Yellow, Clear to Hazy,20 mg/mL | pass                      | Pass                      |



John Su  
QA & QC Manager