

## Certificate of Analysis

Date of Testing: 2023-12-26 09:31:37

Date of Next Testing: 2027-12-25 09:31:37

Product Name: **Adenine**

CAS Number: 73-24-5

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

Lot #: L2312221

SKU #: **A108805**

**Analysis:** **298029**

Storage Temperature: Room temperature

| Parameter                                                                    | Limit Values              | Result                    |
|------------------------------------------------------------------------------|---------------------------|---------------------------|
| Purity(HPLC)                                                                 | 99.5-100 (%)              | 99.99000 %                |
| 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