

# Certificate of Analysis

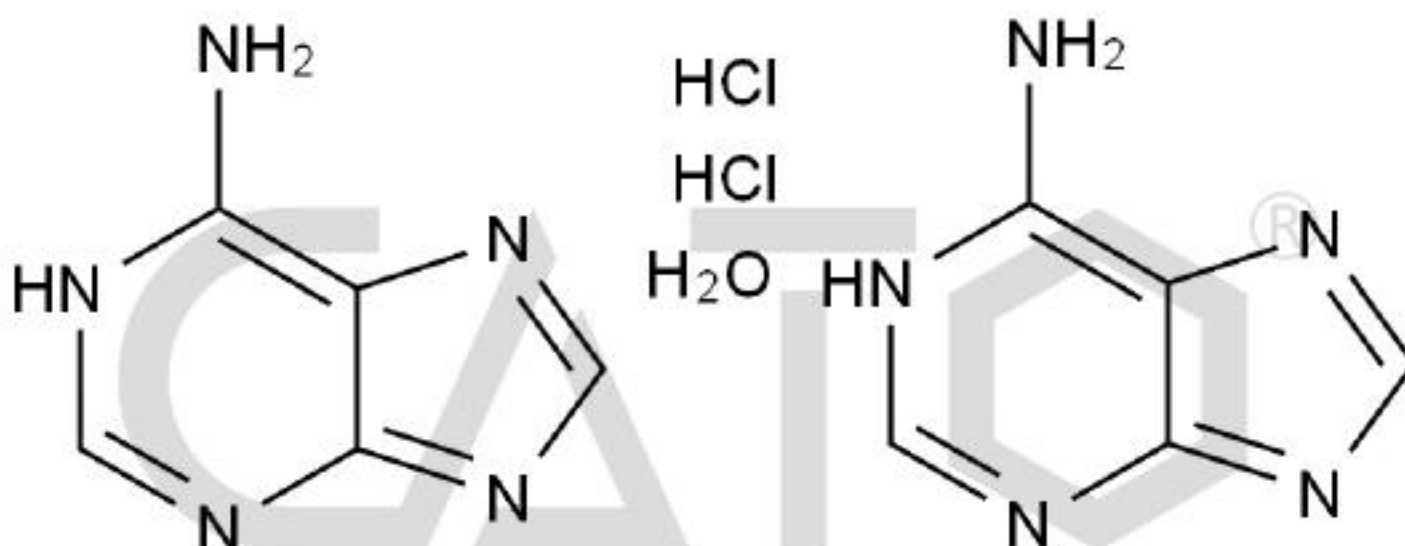
## Reference Material & Standard

|                           |                                                                       |                          |                                           |
|---------------------------|-----------------------------------------------------------------------|--------------------------|-------------------------------------------|
| <b>Product Name:</b>      | Adenosine EP Impurity A Hydrochloride Hemihydrate                     | <b>Catalogue Number:</b> | CP131976                                  |
| <b>Synonyms:</b>          | N/A                                                                   | <b>Lot Number:</b>       | 0913-SA-7228                              |
| <b>CAS Number:</b>        | 6055-72-7                                                             | <b>Expiry Date:</b>      | Sep 12, 27                                |
| <b>Molecular Formula:</b> | 2*C <sub>5</sub> H <sub>5</sub> N <sub>5</sub> 2*HCl H <sub>2</sub> O | <b>Storage:</b>          | 2°C ~ 8°C Protected from light and Sealed |
| <b>Molecular Weight:</b>  | 2*135.13 2*36.46 18.02                                                |                          |                                           |

**Warning:**



**Chemical Structure:**



| Test Items      | Method            | Results                   |
|-----------------|-------------------|---------------------------|
| Appearance      | Visual inspection | White to Off-White Powder |
| Identification: | LC&HNMR           | Confirmed                 |
| Purity:         | HPLC              | 96.615%                   |

**Signature:**

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Date: Sep 13, 23

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## Directions:

- 1. Intended use: This product is suitable for identification and quantification of the analyte(s), instrument calibration, method development and quality control in analytical and R&D applications. It is not intended for administration to humans or animals, and shall not be used to diagnose, treat or cure any diseases.*
- 2. Minimum sample size: 1mg is recommended as the minimum sample size.*
- 3. Metrological traceability: This product meets the requirements of ISO 17034 and is traceable to NMI through an unbroken chain of comparisons.*
- 4. Instructions for handling and correct use: Handling in a well-ventilated place.*

## Document Version:

| Revision No. | Date       | Reason for Revision |
|--------------|------------|---------------------|
| 01           | Sep 13, 23 | First release.      |

