



HANGZHOU FORTUNE BIOPHARM CO.,LTD.

杭州泛青生物医药有限公司

### CERTIFICATE OF ANALYSIS

|              |                     |                    |             |
|--------------|---------------------|--------------------|-------------|
| Product Name | Adenine             |                    |             |
| CAS NO.:     | 73-24-5             |                    |             |
| According to | Enterprise Standard | Batch No.          | 20181105    |
| Package      | Fiber drum          | Manufacturing date | Nov.05,2018 |
| Quantity     | 500kgs              | Retest date        | Nov.04,2020 |

| Items                                                           | Requirements                 | Results          |
|-----------------------------------------------------------------|------------------------------|------------------|
| Characteristics                                                 | White,crystalline powder     | Conforms         |
| Identification                                                  | IR conforms to the reference | Conforms         |
| Loss on drying                                                  | $\leq 1.0\%$                 | 0.3%             |
| Heavy Metals                                                    | $\leq 10\text{ppm}$          | $< 10\text{ppm}$ |
| Residue on ignition                                             | $\leq 0.1\%$                 | 0.05%            |
| Organic impurities                                              | Conforms                     | Conforms         |
| Single impurity                                                 | $\leq 0.5\%$                 | 0.05%            |
| Assay                                                           | 98.0%~102.0%                 | 99.2%            |
| <b>Conclusion:</b> The product conforms to above specification. |                              |                  |

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