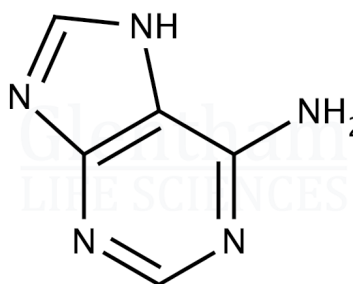


## Certificate of Analysis

|                   |                                              |
|-------------------|----------------------------------------------|
| Product Name      | Adenine, USP grade                           |
| Glentham Code     | GE4704                                       |
| CAS Number        | 73-24-5                                      |
| EINECS            | 200-796-1                                    |
| MDL-Nummer        | MFCD00041790                                 |
| Batch Number      | 622JDK                                       |
| Molecular Weight  | 135.13                                       |
| Molecular Formula | C <sub>5</sub> H <sub>5</sub> N <sub>5</sub> |
| Storage Temp.     | +20°C                                        |



| Property                       | Specification                         | Batch 622JDK                 |
|--------------------------------|---------------------------------------|------------------------------|
| Physical Description           | White to off-white crystalline powder | Off-white crystalline powder |
| Identification                 | IR                                    | Entspricht                   |
| Nitrogen (N)                   | 50.2 - 53.4 % (dried basis)           | 51.9%                        |
| Residue on Ignition            | ≤ 0.1%                                | 0.03%                        |
| Heavy Metals                   | ≤ 10ppm                               | Entspricht                   |
| Organic Impurities             | To pass USP test                      | Entspricht                   |
| Loss on Drying                 | ≤ 1.0% (110°C, 4h)                    | 0.3%                         |
| Assay                          | 98.0 - 102.0 % (dried basis)          | 100.1%                       |
| Pharmacopoeia Specification(s) | USP                                   | Entspricht                   |

|                       |            |
|-----------------------|------------|
| Specification Version | v1.0       |
| Manufacture Date      | 2021-12-28 |
| Re-Test Date          | 2029-01-23 |

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check [www.glentham.com](http://www.glentham.com) or contact us using the details above for the current version of this document.

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