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# Product Datasheet

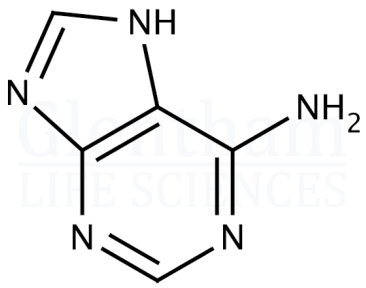
## GE4704 - Adenine, USP grade

### Product Details

| | |
|---|---|
| Product Name | Adenine, USP grade |
| Glentham Code | GE4704 |
| CAS Number | 73-24-5 |
| EINECS | 200-796-1 |
| MDL Number | MFCD00041790 |
| Related Categories | Biochemicals, Nucleosides & Nucleotides |

### Structure

| | | |
|---|---|---|
| Molecular Weight | : | 135.13 |
| Molecular Formula | : | $C_5H_5N_5$ |




### Storage

Recommended storage temperature: +20°C.

### Hazards and Transport

| | |
|---|---|
| CLP Classification | Acute Tox. 3 |
| Signal Word | Danger |
| Hazard Codes | H301 |
| Precautionary Codes | P280, P301+P310 |
| Pictograms |  |

| | |
|---|---|
| UN Number, Class, PG (RID) | UN2811 - 6.1 - PG III |

### Glentham Product Specification

| | | |
|---|---|---|
| Physical Description | : | White to off-white crystalline powder |
| Identification | : | IR |
| Nitrogen (N) | : | 50.2 - 53.4 % (dried basis) |
| Residue on Ignition | : | ≤ 0.1% |
| Heavy Metals | : | ≤ 10ppm |
| Organic Impurities | : | To pass USP test |
| Loss on Drying | : | ≤ 1.0% (110°C, 4h) |
| Assay | : | 98.0 - 102.0 % (dried basis) |
| Pharmacopoeia Specification(s) | : | USP |
| Version | : | v1.0 |

### About Adenine, USP grade

No further details on record.

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