

## Product Datasheet

### GE4704 - Adenine, USP grade

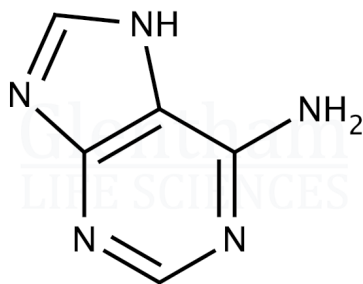
UN Number, Class, PG UN2811 - 6.1 - PG III  
(RID)

#### 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 :  $C_5H_5N_5$



#### Glentham Product Specification

|                                |                                         |
|--------------------------------|-----------------------------------------|
| Physical Description           | : White to off-white crystalline powder |
| Identification                 | : IR                                    |
| Nitrogen (N)                   | : 50.2 - 53.4 % (dried basis)           |
| Residue on Ignition            | : $\leq 0.1\%$                          |
| Heavy Metals                   | : $\leq 10\text{ppm}$                   |
| Organic Impurities             | : To pass USP test                      |
| Loss on Drying                 | : $\leq 1.0\%$ (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.

#### 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          |  |

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