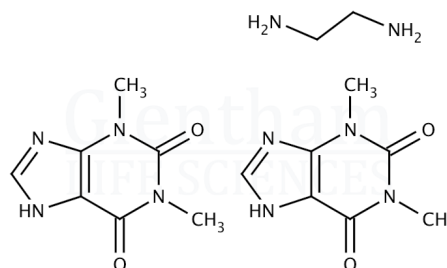


## Certificate of Analysis

|                   |                                   |
|-------------------|-----------------------------------|
| Product Name      | Aminophylline, BP, Ph. Eur. grade |
| Glentham Code     | GE2133                            |
| CAS Number        | 317-34-0                          |
| EINECS            | 206-264-5                         |
| Numéro MDL        | MFCD00013221                      |
| Batch Number      | 392KJV                            |
| Molecular Weight  | 210.21                            |
| Molecular Formula | $C_7H_8N_4O_2 \cdot 0.5C_2H_8N_2$ |
| Storage Temp.     | -20°C                             |



| Property                        | Specification                                            | Batch 392KJV        |
|---------------------------------|----------------------------------------------------------|---------------------|
| Physical Description            | White, off-white or faint yellow powder or fine crystals | Faint yellow powder |
| Identification (IR)             | To conform to standard                                   | Conforms            |
| Identification                  | To pass tests C, E                                       | Conforms            |
| Solubility (5% in water)        | Clear, colourless to pale yellow solution (≤ GY6)        | Conforms            |
| Any Unspecified Impurity (HPLC) | ≤ 0.10%                                                  | Conforms            |
| Total Impurities (HPLC)         | ≤ 0.10%                                                  | Conforms            |
| Water                           | ≤ 1.5%                                                   | 1.0%                |
| Sulphated Ash                   | ≤ 0.1%                                                   | Conforms            |
| Ethylenediamine                 | 13.5 - 15.0 % (anhydrous)                                | 14.6%               |
| Theophylline                    | 84.0 - 87.4 % (anhydrous)                                | 85.4%               |
| Pharmacopoeia Specification(s)  | BP, Ph. Eur.                                             | Conforms            |

|                       |            |
|-----------------------|------------|
| Specification Version | v1.1       |
| Manufacture Date      | 2023-12-01 |
| Re-Test Date          | 2031-05-01 |

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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