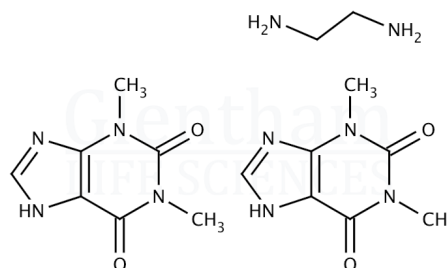


Certificate of Analysis

| | |
|-------------------|-----------------------------------|
| Product Name | Aminophylline |
| Glentham Code | GE6366 |
| CAS Number | 317-34-0 |
| EINECS | 206-264-5 |
| MDL Number | MFCD00013221 |
| PubChem SID | 310266661 |
| Batch Number | 785MNX |
| Molecular Weight | 210.21 |
| Molecular Formula | $C_7H_8N_4O_2 \cdot 0.5C_2H_8N_2$ |
| Storage Temp. | -20°C |



| Property | Specification | Batch 785MNX |
|--------------------------|---|--------------|
| Physical Description | White, off-white or faint yellow powder | Conforms |
| Solubility (5% in water) | Clear, colourless to pale yellow solution | Conforms |
| Residue on Ignition | ≤ 0.1% | 0.03% |
| Water | ≤ 1.5% | 0.55% |
| Theophylline | 84.0 - 87.4 % | 86.5% |
| Ethylenediamine | 13.5 - 15.0 % | 14.2% |
| Assay | 98.0 - 103.0 % (dried basis) | 100.7% |

| | |
|-----------------------|------------|
| Specification Version | v1.0 |
| Manufacture Date | 2017-01-18 |
| Re-Test Date | 2025-06-21 |

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 or contact us using the details above for the current version of this document.

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