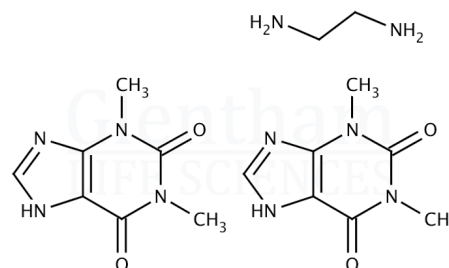


Certificate of Analysis

Product Name	Aminophylline
Glentham Code	GE6366
CAS Number	317-34-0
EINECS	206-264-5
MDL Number	MFCD00013221
PubChem SID	310266661
Batch Number	914JXO
Molecular Weight	210.21
Molecular Formula	$C_7H_8N_4O_2 \cdot 0.5C_2H_8N_2$
Storage Temp.	-20°C



Property	Specification	Batch 914JXO
Physical Description	White, off-white or faint yellow powder	Faint yellow powder
Solubility (5% in water)	Clear, colourless to pale yellow solution	Conforms
Residue on Ignition	≤ 0.1%	Conforms
Water	≤ 1.5%	1.0%
Theophylline	84.0 - 87.4 %	85.4%
Ethylenediamine	13.5 - 15.0 %	14.6%
Assay	98.0 - 103.0 % (dried basis)	98.3%

Specification Version	v1.0
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 or contact us using the details above for the current version of this document.

This document was generated electronically and is therefore valid without signature. © Glentham Life Sciences Ltd, 2025