

Certificate of Analysis

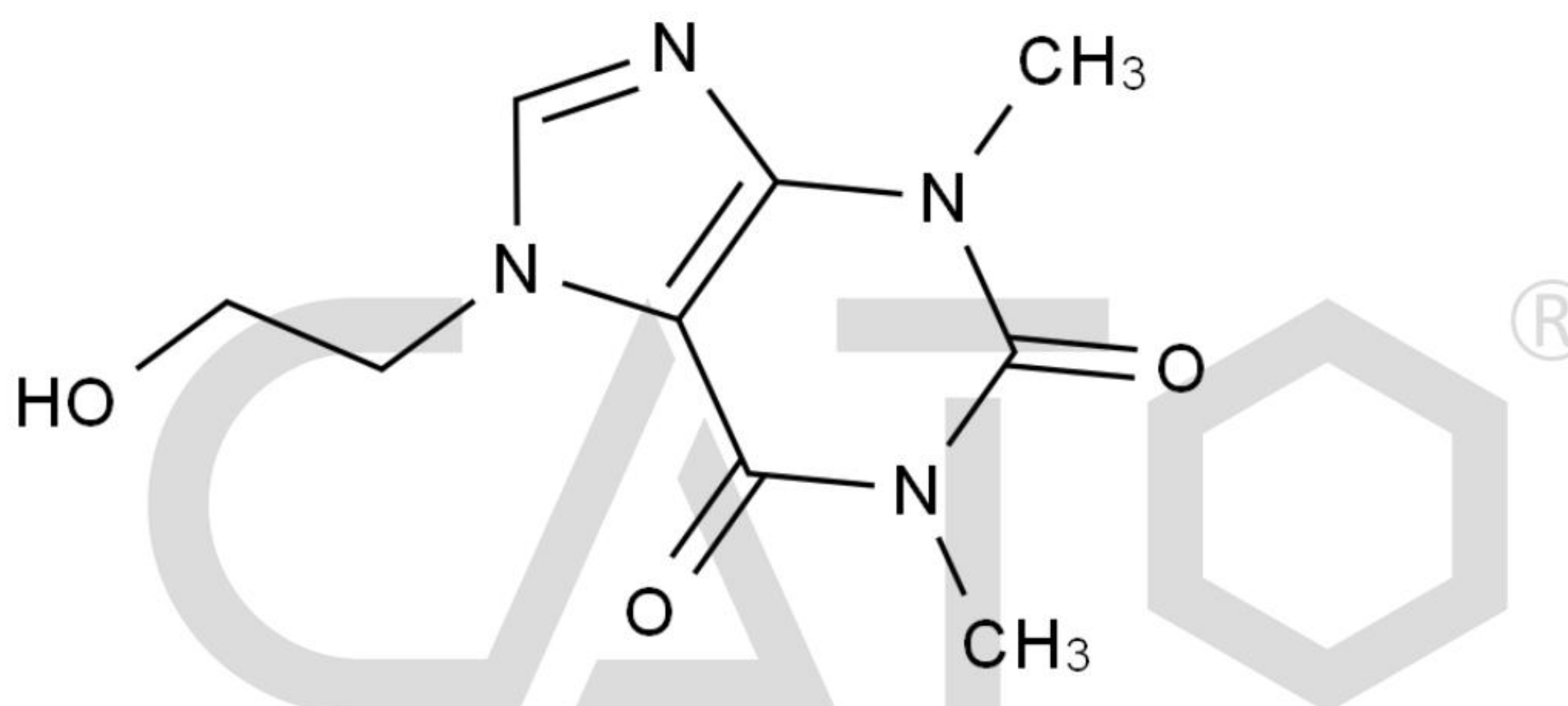
Reference Material & Standard

Product Name:	Aminophylline EP Impurity F	Catalogue Number:	C4X-18556
Synonyms:	N/A	Lot Number:	0706-RD-0037
CAS Number:	519-37-9	Expiry Date:	Jul 16, 2027
Molecular Formula:	C ₉ H ₁₂ N ₄ O ₃	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	224.22	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&IR&CNMR&HNMR	Confirmed
Purity	HPLC	100.000%
Loss on Drying	TGA	0.0121%
Assay		99.99%

Comment:

- Catalogue Number has been changed from "CCHM702768" to "C4X-18556". Therefore some of the graphs shown below were named by "CCHM702768".
- The calculation of the mass balance method follows the formula (calculated on the non-dried basis):

$$\text{Assay (\%)} = (100\% - \text{Loss on Drying}) * \text{Purity HPLC (\%)} / 100\%$$
 Loss on Drying is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

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Approved by General Manager:

David

Date: Apr 28, 2026

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Page 1 of 8



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