

Specification

Formula Hill: C₁₆H₂₄N₁₀O₄
Molar Mass: 420,43 g/mol
CAS N°: 317-34-0

100800 Aminophylline, Ph. Eur., USP

	Specification
Assay (on anhydrous basis)	84,0 - 87,0 %
Identity	
Identification A,B,C (USP)	conforms
Identification A,B,C,D,E,F (Ph.Eur.)	conforms
Appearance	powder sometimes granular hygroscopic
Colour	white or slightly yellowish
Solubility	conforms
Caffeine	≤ 0,10 %
Related substances	%
- Any other impurity	≤ 0,10 %
- Dimethyl uric acid	≤ 0,10 %
- Impurity B	≤ 0,10 %
- Impurity C	≤ 0,10 %
- Impurity D	≤ 0,10 %
- Impurity F	≤ 0,10 %
- Theobromine	≤ 0,10 %
- Total impurities (Ph.Eur.)	≤ 0,10 %
- Total impurities (USP)	≤ 0,3 %
- Unspecified impurities (for each)	≤ 0,10 %
Residue after ignition	≤ 0,15 %
Sulfated ash	≤ 0,1 %
Water (Ph. Eur.)	conforms
Water (USP)	≤ 0,75 %

This data sheet is representative of the current specifications for this product at the time of printing.
 Product specifications are subject to amendment and may change over time. Please check the certificate of analysis for information on specific lots..

Specification

Formula Hill: $C_{16}H_{24}N_{10}O_4$
Molar Mass: 420,43 g/mol
CAS N°: 317-34-0

100800 Aminophylline, Ph. Eur., USP

Specification

Conforms to:

Ph. Eur., USP specification