

# Specification

**Formula Hill:** C<sub>5</sub>H<sub>5</sub>N<sub>5</sub>  
**Molar Mass:** 135,13 g/mol  
**CAS N°:** 73-24-5

Print Date: 20 Septembre 2021

100260 Adenine, Ph. Eur.

	Specifications
Assay (dried subs)	98,5 - 101,0 %
Identity	conforms
Appearance	
- White or almost white	conforms
- Powder	conforms
Appearance of solution	conforms
Acidity/Alkalinity	conforms
Solubility	conforms
Chloride (Cl)	≤ 0,0100 %
Sulfate (SO <sub>4</sub> )	≤ 0,0300 %
Ammonium (NH <sub>4</sub> )	≤ 0,0010 %
Related substances	
- Individual impurity	≤ 0,5 %
Loss on drying (105°C)	≤ 0,5 %
Sulfated ash	≤ 0,1 %

The product cannot be considered as an Active Pharmaceutical Ingredient (API)

Conforms to: Ph. Eur. specification