

# Specification

**Formula Hill:**  $C_5H_5N_5$   
**Molar Mass:** 135,13 g/mol  
**CAS N°:** 73-24-5

**100263      Adenine, USP**

	Specification
Assay (on dried substance)	98,5 - 101,0 %
Identity	conforms
Appearance	white to off-white powder
Related compounds	
- Individual impurity	$\leq 0,1 \%$
- Total impurities	$\leq 2,0 \%$
Loss on drying (110°C)	$\leq 1,0 \%$
Residue after ignition	$\leq 0,1 \%$
Conforms to:	USP specification

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..