



**DC FINE
CHEMICALS**

Specification

Formula Hill: C₅H₅N₅
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
- Identification A	conforms
- Identification B	conforms
Appearance	white to off-white powder
Nitrogen (N)	50.2 - 53.4 %
Related substances	
- Individual impurity	≤ 0.1 %
- Total impurities	≤ 2.0 %
Loss on drying (110°C)	≤ 1.0 %
Residue after ignition	≤ 0.1 %

Conforms to USP specification