

SPECIFICATION

Adenine

Parameters	Specification
CAS Number	73-24-5
Appearance	White crystalline powder
Molecular Formula	C ₅ H ₅ N ₅
Molecular Weight	135.13 g/mol
Boiling Point	360 °C
Melting Point	360 °C
Flash Point	230 °C
Purity	98–99%
Refractive Index	1.58
Solubility	Slightly soluble in water; soluble in DMSO and ethanol
Uses	Nucleobase used in biochemistry for DNA/RNA research; standard building block; used in sequencing and as a model compound

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