



Specification

Cytidine

CAS Number: 65-46-3
Molecular Formula: C₉H₁₃N₃O₅
Molecular Weight: 243.22
Storage: 15°C - 30°C

Test	Specification
Appearance:	White Crystalline Powder
Assay (Dried Basis):	≥ 98.0 %
Heavy Metals (as Pb):	≤ 10 ppm
Identification (IR):	Pass
Loss on Drying (110 oC):	≤ 0.5 %
Residue on Ignition:	≤ 0.1 %
Spectral Constant (A ₂₅₀ /A ₂₆₀):	0.42 - 0.48
Spectral Constant (A ₂₈₀ /A ₂₆₀):	2.00 - 2.20
Spectral Constant (Lambda max pH, 1.0):	278 - 282 nm

Approved:

John Grubb, PhD
Gojira Fine Chemicals
Quality Manager
Tel: 440-252-5397, Fax: 888-211-5523
docsupport@gojirafc.com

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