

Specification Sheet

Product Name: **Cytidine**
Specifications & Purity: **99%**
SKU #: **C100358**

Parameter	Limit Values
Melting point	210-217 (°C)
Specific Rotation [α] ₂₀ /D(c=0.7 in H ₂ O)	32-36 (°)
Transmission (430nm, C=1, W/V, in H ₂ O)	98-100 (%)
Heavy metal (as Pb)	0-10 (ppm)
Purity(HPLC)	99-100 (%)
Loss on drying	0-0.5 (%)
A ₂₈₀ /A ₂₆₀	2.05-2.15
Ignition Residue (as sulfate)	0-0.1 (%)
A ₂₅₀ /A ₂₆₀	0.41-0.49
Appearance (C100358)	White to Off-White Powder or Crystals
Infrared spectrum	Conforms to Structure
Solubility in H ₂ O , Almost transparent	pass
Assay	98-102 (%)