

Aladdin warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Aladdin-e.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.

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 (%)

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