

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: **2'-Deoxycytidine hydrochloride**
Specifications & Purity: **99%**
SKU #: **D121845**

Parameter	Limit Values
Purity (Argentmetric Titration)	98.5-101.5 (%)
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in H}_2\text{O})$	55-59 (°)
EmM	8.8-9.2
Purity(HPLC)	99-100 (%)
Appearance (D121845)	White to Almost white to Light Yellow powder to crystal
Infrared spectrum	Conforms to Structure
LC-MS Test	Pass
Wave Length,270 - 272 nm	Pass
Solubility,Colorless to light yellow and clear(5% in H ₂ O)	Pass

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