

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

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