

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-11-10 17:24:16
 Date of Next Testing: 2024-11-09 17:24:16
 Product Name: **Cytosine β -D-arabinofuranoside hydrochloride**
 CAS Number: 69-74-9
 Specifications & Purity: $\geq 99\%$
 Lot #: K2208254
 SKU #: **C139195**
 Version: **1**
 Analysis #: **127102**
 Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.94100 %
EmM(280 - 281 nm in 0.01N HCl at pH 2.0)	12.9-13.7	13.40000
Melting point	197-198 (°C)	197.13000 °C
Appearance (C139195)	White to Off-White to tan Powder or crystalline powder or Chunks	White to Off-White to tan Powder or crystalline powder or Chunks
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O, Colorless to Brown, Clear, 50 mg/ml H ₂ O	Pass	Pass



John Su
QA & QC Manager