

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Specification Sheet

|                          |                                                     |
|--------------------------|-----------------------------------------------------|
| Product Name:            | Cytosine $\beta$ -D-arabinofuranoside hydrochloride |
| Specifications & Purity: | $\geq 99\%$                                         |
| SKU #                    | C139195                                             |

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