

# **Chem-Impex International, Inc.**

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825 Dillon Drive

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## **Certificate of Analysis**

|                            |                                                                                         |
|----------------------------|-----------------------------------------------------------------------------------------|
| <b>Catalog Number</b>      | 00105                                                                                   |
| <b>Product Name</b>        | 2'-Deoxycytidine hydrochloride                                                          |
| <b>Lot Number</b>          | 16020415                                                                                |
| <b>CAS Registry Number</b> | 3992-42-5                                                                               |
| <b>Molecular Formula</b>   | C <sub>9</sub> H <sub>13</sub> N <sub>3</sub> O <sub>4</sub> •HCl                       |
| <b>Molecular Weight</b>    | 263.68                                                                                  |
| <b>Appearance</b>          | White crystalline powder                                                                |
| <b>Heavy metals</b>        | Not more than 10 ppm                                                                    |
| <b>Arsenic</b>             | Not more than 1 ppm                                                                     |
| <b>Manufacturing Date</b>  | 6/1999                                                                                  |
| <b>Expiry Date</b>         | 6/2005                                                                                  |
| <b>Water Content</b>       | 0.3 %                                                                                   |
| <b>Purity</b>              |                                                                                         |
| 1) UV absorption           | 100.5 %                                                                                 |
| 2) HPLC                    | 99.6 %                                                                                  |
| <b>Remarks</b>             | See material safety data sheets for additional information.<br>For laboratory use only. |

**The foregoing is a copy of the Certificate of Analysis as provided by our supplier**



**Sashi Kumar**  
**Quality Control Manager**