

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

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825 Dillon Drive

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## ***Certificate of Analysis***

<b>Catalogue Number</b>	28436
<b>Lot Number</b>	002085-20130401
<b>Product</b>	<b>2',2'-Difluoro-2'-deoxycytidine</b> Gemcitabine
<b>CAS Number</b>	95058-81-4
<b>Molecular Formula</b>	C <sub>9</sub> H <sub>11</sub> F <sub>2</sub> N <sub>3</sub> O <sub>4</sub>
<b>Molecular Weight</b>	263.2

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<b>Appearance</b>	Off-white crystalline powder
<b>Infrared Spectrum</b>	Conforms to structure
<b>Related Substances</b>	Cytosine : 0.002%, α-anomer : 0.008%, Total impurities : 0.08%
<b>Residue On Ignition</b>	0.03%
<b>Purity by HPLC</b>	99.8%
<b>Storage</b>	Store at 0 - 8 °C
<b>Remarks</b>	See material safety data sheet for additional information For laboratory use only

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



**Bala Kumar**  
**Quality Control Manager**