

# *Chem-Impex International, Inc.*

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825 Dillon Drive

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## *Certificate of Analysis*

<b>Catalogue Number</b>	00402
<b>Lot Number</b>	001237-1915
<b>Product</b>	<b>5-Bromo-2'-deoxycytidine</b>

5-Br-dC

<b>CAS Number</b>	1022-79-3
<b>Molecular Formula</b>	C <sub>9</sub> H <sub>12</sub> BrN <sub>3</sub> O <sub>4</sub>

<b>Molecular Weight</b>	306.1
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<b>Appearance</b>	White powder
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<b>Solubility</b>	Clear colorless solution (50 mg/ml in 1M ammonium hydroxide)
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<b>Water Content (Karl Fisher)</b>	0.2%
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<b>UV Ratios</b>	Ratio of Absorbance (pH 7): A <sub>250</sub> /A <sub>260</sub> = 1.27 A <sub>280</sub> /A <sub>260</sub> = 1.75
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<b>Purity by HPLC</b>	99.4%
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<b>Purity by UV</b>	99.0% (dry basis)
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<b>Storage</b>	Store at 0-8 °C
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<b>Remarks</b>	See material safety data sheet for additional information For laboratory use only
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**The foregoing is a copy of the Certificate of Analysis as provided by our supplier**



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