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## CERTIFICATE OF ANALYSIS

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Product	2'-Deoxycytidine hydrochloride
Grade	High Purity
Product Code	DD0045
Formula	C <sub>9</sub> H <sub>13</sub> N <sub>3</sub> O <sub>4</sub> HCl
M.W.	263.68
CAS#	3992-42-5
Lot. No	

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Test Items	Specification	Actual Results
Appearance	White Crystalline Powder	
Solubility (50mg/ml in water)	Clear colorless solution	
Purity (HPLC area%)	≥99.0%	
Cytosine	<0.5%	
Alfa Anomer Content	None Detectable	
UV Content (on dry basis)	≥98%	
Water Content (K.F.)	≤1.0%	
Ratio of Absorbance (pH 2)	0.40 ~ 0.46 A250/260 2.08 ~ 2.19 A280/260	

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Storage: 18~25°C