



CERTIFICATE OF ANALYSIS

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

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	

Storage: 18~25°C