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## CERTIFICATE OF ANALYSIS

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Product	Cytosine
Grade	Ultra Pure
Product Code	CD0138
Formula	C <sub>4</sub> H <sub>5</sub> N <sub>3</sub> O
MW	111.10
CAS#	71-30-7
Lot No	

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Test Items	Specifications	Results
Appearance	White to Off-White Powder	
Solubility	Colorless to Faint Yellow, Clear to Very Slightly Hazy, at 50 mg/mL, 0.5M HCl	
Em: (275 nm, 0.1N HCl)	≥9,900	
Loss on drying	≤1.0%	
Heavy Metals	≤20ppm	
Purity (HPLC)	≥98%	

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Storage: R.T.