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Specification Sheet

Product Name: **Guanosine**
Specifications & Purity: **98%,for cell culture**
SKU #: **G103966**

Parameter	Limit Values
Specific Rotation [α] ₂₀ /D(c=1 in 1mol/L NaOH)	-80--72 (°)
Carbon by Elemental Analysis(anhydrous)	41.5-43.3 (%)
EmM(at λ Max 252 ~ 253 nm at pH 7.0)	13.2-13.9
Nitrogen by Elemental Analysis (anhydrous)	24.2-25.2 (%)
Purity(HPLC)	98-100 (%)
Water by Karl Fischer	0-14 (%)
Appearance (G103966)	White to Off-White Powder
Cell Culture Test	pass
Infrared spectrum	Conforms to Structure
Solubility in Formic Acid/H ₂ O (1/1)	Clear to Slightly Hazy, Yellow to Green-Yellow, 5%
Proton NMR spectrum	Conforms to structure

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