

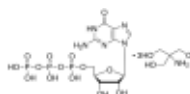
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Product Specification

Product Name:
Guanosine 5'-triphosphate tris salt - ≥93% (HPLC), powder

Product Number: **G9002**
CAS Number: 103192-46-7
MDL: MFCD00058343
Formula: C₁₀H₁₆N₅O₁₄P₃ · 3 C₄H₁₁NO₃
Formula Weight: 886.59 g/mol
Storage Temperature: -20 °C



TEST	Specification
Appearance (Color)	White
Appearance (Form)	Powder
Solubility (Color)	Colorless
Solubility (Turbidity)	Clear to Very Slightly Hazy
50 mg/mL, H ₂ O	
¹ H NMR Spectrum	Conforms to Structure
mol/mol Tris	2.4 - 3.4
mol/mol Water (NMR)	≤ 4.0
Solvent Content	≤ 5.0 %
Total solvent	
EMM	7.69 - 8.47
pH 7.0 (as is basis, for the free acid)	
Wavelength	252 - 254 nm
Phosphorus (P)	9.6 - 10.6 %
as is	
Purity (HPLC)	≥ 93 %
Note	-----
Formula and formula weight are for the free acid	

Specification: PRD.3.ZQ5.10000026427

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