

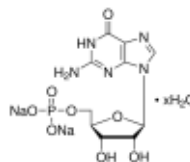
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Product Specification

Product Name:
Guanosine 5'-monophosphate disodium salt hydrate - from yeast, ≥99%

Product Number: G8377
CAS Number: 5550-12-9
MDL: MFCD00070575
Formula: C₁₀H₁₂N₅Na₂O₈P · xH₂O
Formula Weight: 407.18 g/mol



TEST	Specification
Appearance (Color)	White to Off White
Appearance (Form)	Powder
Solubility (Color)	Colorless to Faint Yellow
Solubility (Turbidity)	Clear
At 50 mg/ml in H ₂ O	
Loss on Drying	≤ 26 %
EmM (dry basis)	13.6 - 14.4
at pH 7.0	
Wavelength	251 - 253 nm
Purity (HPLC)	≥ 99 %
Recommended Retest Period	-----
6 years	

Specification: PRD.0.ZQ5.10000071179

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.