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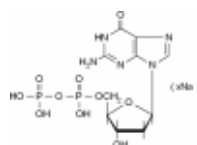
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Product Specification

Product Name:
2'-Deoxyguanosine 5'-diphosphate sodium salt - ≥90% (HPLC)

Product Number: **D9250**
CAS Number: 102783-74-4
MDL: MFCD00057075
Formula: C₁₀H₁₅N₅O₁₀P₂ · xNa⁺
Formula Weight: 427.20 g/mol
Storage Temperature: -20 °C



TEST

Specification

Appearance (Color)	White
Appearance (Form)	Powder
Solubility (Color)	Colorless
Solubility (Turbidity)	Clear
50 mg/ml, H ₂ O	
¹ H NMR Spectrum	Conforms to Structure
Water (by Karl Fischer)	≤ 7 %
Solvent Content (by NMR)	≤ 4 %
Sodium (dry basis)	9 - 12 %
Purity (HPLC)	≥ 90 %
Purity	≥ 90 %
Dry basis and sodium free (based on EMM = 13.8) at lambda maximum of 251 nm to 253 nm in 0.1 M Phosphate, pH 7.0	

Specification: PRD.3.ZQ5.10000060521

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.