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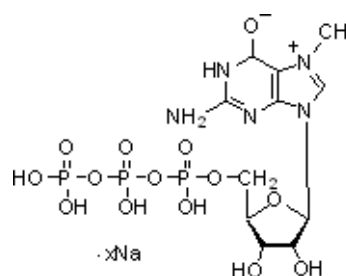
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Product Specification

Product Name:
7-Methylguanosine 5'-triphosphate sodium salt - ≥85% (HPLC)

Product Number: M6133
CAS Number: 104809-18-9
MDL: MFCD00063376
Formula: C₁₁H₁₈N₅O₁₄P₃·xNa⁺
Formula Weight: 537.21 g/mol
Storage Temperature: -20 °C



TEST

Specification

Appearance (Color)	White to Off-White
Appearance (Form)	Powder
Solubility (Color)	Colorless to Faint Yellow
Solubility (Turbidity)	Clear
50 mg/mL, H ₂ O	
Sodium (Na)	≥ 4 %
By ICP-Atomic Emission	
Water (by Karl Fischer)	≤ 10 %
EmM (Free Acid)	7.5 - 9.0
in 0.1 M PO ₄ , pH 7.4	
Wavelength	257 - 258 nm
EmM (Free Acid)	6.6 - 7.6
in 0.1 M PO ₄ , pH 7.4	
Wavelength	276 - 281 nm
Purity (HPLC)	≥ 85 %
Note	-----

Formula and formula weight are for the free acid

Specification: PRD.0.ZQ5.10000012602

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.