

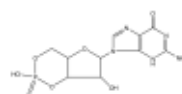
3050 Spruce Street, Saint Louis, MO 63103, USA

Website: [www.sigmaaldrich.com](http://www.sigmaaldrich.com)Email USA: [techserv@sial.com](mailto:techserv@sial.com)Outside USA: [eurtechserv@sial.com](mailto:eurtechserv@sial.com)

## Product Specification

Product Name:  
Guanosine 3',5'-cyclic monophosphate - ≥98% (HPLC), powder

Product Number: **G7504**  
CAS Number: 7665-99-8  
MDL: MFCD00070129  
Formula: C<sub>10</sub>H<sub>12</sub>N<sub>5</sub>O<sub>7</sub>P  
Formula Weight: 345.21 g/mol  
Storage Temperature: -20 °C



TEST	Specification
Appearance (Color)	White
Appearance (Form)	Powder
Solubility (Color)	Colorless
Solubility (Turbidity)	Clear
50 mg/ml, 0.2 M NaHCO <sub>3</sub>	
Water (by Karl Fischer)	≤ 5 %
Purity (HPLC)	≥ 98 %
Wavelength	253 - 254 nm
EmM	13.7 - 14.6
UV-Vis spectrum, dry basis, pH 7.0	
Solvent Content (by NMR)	≤ 4 %

Specification: PRD.3.ZQ5.10000038661

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](http://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.