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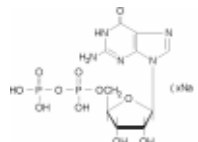
Outside USA: eurtechserv@sial.com

## Certificate of Analysis

Product Name:

Guanosine 5'-diphosphate sodium salt - Type I, ≥96% (HPLC)

**Product Number:** G7127  
**Batch Number:** SLBZ7701  
**Brand:** SIGMA  
**CAS Number:** 43139-22-6  
**MDL Number:** MFCD00070121  
**Formula:** C<sub>10</sub>H<sub>15</sub>N<sub>5</sub>O<sub>11</sub>P<sub>2</sub>  
**Formula Weight:** 443.20 g/mol  
**Storage Temperature:** Store at -20 °C  
**Quality Release Date:** 25 OCT 2018  
**Recommended Retest Date:** OCT 2020



Test	Specification	Result
Appearance (Color)	White	White
Appearance (Form)	Powder	Powder
Solubility (Color)	Colorless	Colorless
Solubility (Turbidity)	Clear	Clear
50 mg/ml, H <sub>2</sub> O		
Loss on Drying	≤ 10 %	3 %
Sodium (Dry Basis)	9 - 12 %	11 %
By ICP		
Purity (HPLC)	≥ 96 %	97 %
<sup>1</sup> H NMR Spectrum	Conforms to Structure	Conforms
Note	-----	-----
Formula and formula weight are for the free acid.		

Rodney Burbach, Manager  
 Analytical Services  
 St. Louis, Missouri US

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.