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## Certificate of Analysis

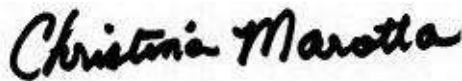
**Product Description:** Guanosine-5'-triphosphate Disodium Salt  
**Catalog Number:** 100710  
**Lot:** MR30029**Formula:**  $C_{10}H_{14}N_5O_{14}P_3Na_2$ **CAS #:** 56001-37-7**Physical Description:** White Powder**Formula Weight:** 567.2**Storage:** -0°C

Test	Specification	Result
Identity Test	Passes	Passes
Purity	≥98%	99.0%
FTIR	Conforms to Standard	Conforms to Standard
UV/VIS $\lambda$ max (water)	252 ± 3 nm	253 nm
OD250/OD260	1.20 ± 0.08	1.14
OD280/OD260	0.65 ± 0.08	0.65

OD290/OD260: 0.31

UV Content: 103%

Water (KF): 10.5%

01/10/2013 - Christina Marotta  
MP Biomedicals, LLC.  
Technical DirectorThis is an electronically generated document  
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