

**Catalog Number** M22353  
**Product Name** 2'-(or-3')-O-(N-methylanthraniloyl)-β:γ-imidoguanosine 5'-triphosphate, trisodium salt (MANT-GMPPNP) \*5 mM in buffer\*  
**Molecular Formula** C<sub>18</sub>H<sub>21</sub>N<sub>7</sub>Na<sub>3</sub>O<sub>14</sub>P<sub>3</sub>  
**Molecular Weight** 721.29  
**Appearance** off-white solution  
**Lot Number** 2117464

	LOT DATA	SPECIFICATION
<b>Absorption</b> <sup>1</sup> Maximum	357 nm	356 ± 3 nm
<b>Fluorescence</b> <sup>1</sup> Emission Maximum	447 nm	448 ± 4 nm
<b>HPLC</b> <sup>2</sup> Purity	91 % at 254 nm	≥ 85 % at 254 nm
<b>Miscellaneous Information</b> Material Lot Number	1877778	N/A

1. Solvent: Buffer, 50 mM potassium phosphate (pH 8).

2. Method: Purity value represents summation of the areas of individual isomers.



Rachel Smith, Quality Assurance Manager

07-Apr-2017

Life Technologies Corporation, on behalf of its Invitrogen business, Molecular Probes® labeling and detection technologies, certifies on the date above that this is an accurate record of the analysis of the subject lot and that the data conform to the specifications in effect for this product at the time of analysis.