

**Catalog Number** A1048  
**Product Name** adenosine 5'-triphosphate,  $P^3$ -(1-(2-nitrophenyl)ethyl) ester, disodium salt (NPE-caged ATP)  
**CAS Number / Name** 171800-68-3 / Adenosine, 5'-(tetrahydrogen triphosphate),  $P''$ -(1-(2-nitrophenyl)ethyl) ester, disodium salt  
**Molecular Formula**  $C_{18}H_{21}N_6Na_2O_{15}P_3$   
**Molecular Weight** 700.3  
**Appearance** white solid  
**Lot Number** 2015660

	LOT DATA	SPECIFICATION
<b>Absorption</b> <sup>1</sup> Maximum Extinction	260 nm $18400\text{ cm}^{-1}\text{M}^{-1}$	$259 \pm 3\text{ nm}$ $18500 \pm 1200\text{ cm}^{-1}\text{M}^{-1}$
<b>HPLC</b> Purity	99 % at 254 nm	$\geq 90\%$ at 254 nm
<b>NMR</b> Result	meets specification	consistent with structure
<b>Miscellaneous Information</b> Material Lot Number	1986882	n.a.

1. Solvent: Methanol.



Rachel Smith, Quality Assurance Manager

19-Jul-2018

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.