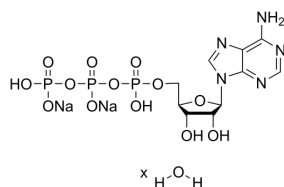


## Certificate of Analysis

**Product Name:** ATP (disodium salt hydrate)  
**Cat. No.:** CS-W011451  
**CAS No.:** 34369-07-8  
**Batch No.:** L634665  
**Chemical Name:** Adenosine 5'-(tetrahydrogen triphosphate), sodium salt, hydrate (1:2:x)

### PHYSICAL AND CHEMICAL PROPERTIES

**Molecular Formula:**  $C_{10}H_{14}N_5O_{13}Na_2P_3 \cdot xH_2O$   
**Storage:** 2-8°C, sealed storage, away from moisture  
**Chemical Structure:**



### ANALYTICAL DATA

**Appearance:** White to off-white (Solid)  
 **$^1\text{H}$  NMR Spectrum:** Consistent with structure  
**Purity (NMR):** 98.0%  
**Conclusion:** The product has been tested and complies with the given specifications.

**Caution: Product has not been fully validated for medical applications. For research use only.**

Tel: 610-426-3128

Fax: 888-484-5008

E-mail: sales@ChemScene.com

Address: 1 Deer Park Dr, Suite F, Monmouth Junction, NJ 08852, USA