



ATP Solution GMP-grade (100 mM)

Product description

ATP, Adenosine-5'-triphosphate, and its sodium salt are the basic components of energy change in many biological systems and can be used in a variety of molecular biology applications, such as kinase assays, in vitro transcription, ligation and phosphorylation reactions, etc.

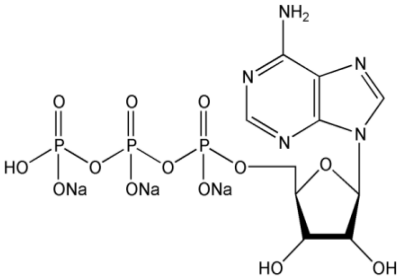
This product is a transparent colorless aqueous solution prepared from ATP trisodium salt, and free from DNase, RNase and phosphatase contamination.

This product is produced in accordance with GMP process requirements and provided in liquid form.

Components

Components No.	Name	10129ES03	10129ES08	10129ES25	10129ES76
10129	ATP Solution GMP-grade (100 mM)	1 mL	5 mL	25 mL	500 mL

Specifications

CAS No	56-65-5 (free acid)
Formula	$C_{10}H_{13}N_5 Na_3O_{13}P_3$
Molecular Weight	573.13 g/mol
Purity(HPLC)	$\geq 99\%$
Content	100 mM \pm 3 mM
Structure	

Shipping and Storage

The product is shipped with dry ice and can be stored at $-15^{\circ}\text{C} \sim -25^{\circ}\text{C}$ for two years.

Notes

1. Keep on ice while using and return immediately to -20°C after use.
2. For your safety and health, please wear personal protective equipment (PPE), such as laboratory coats and disposable gloves, when operating with this product.