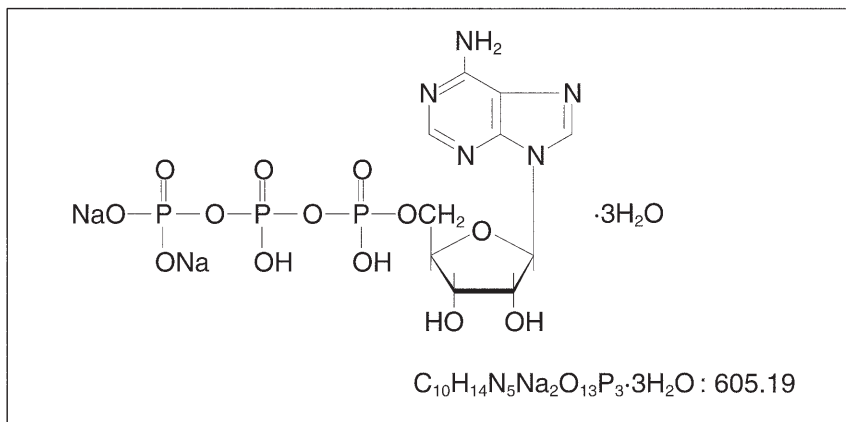


# ATP DISODIUM SALT

CAS NO. 51963-61-2

## MOLECULAR STRUCTURE AND FORMULA



## DESCRIPTION

White crystals or crystalline powder  
 Odorless  
 Slightly acid taste

## IDENTIFICATION

Dissolve sample in 0.1 mol/l phosphate buffer (1→80000, pH7.0), and determine the absorption spectrum of the solution : it exhibits maximum absorbance between 257 - 261 nm and minimum between 223 - 227 nm.

## SPECIFICATION AND PROCEDURE

State of solution	Colorless and clear	Visual test 0.5%, H <sub>2</sub> O
Chloride (Cl)	Not More Than 0.021%	Sec.-4-(1), 0.5 g 0.3 ml of 0.01 mol/l HCl
Iron (Fe)	Not More Than 0.1%	Sec.-6-(2), 0.1 g Incineration 10.0 ml of Standard solution
Heavy metals (Pb)	Not More Than 20 ppm	Sec.-7-(2), 1.0 g 2.0 ml of Standard solution
Arsenic (As <sub>2</sub> O <sub>3</sub> )	Not More Than 1 ppm	Sec.-8-(3), 2.0 g 2.0 ml of Standard solution
Moisture	6.0 ~ 12.0%	Sec.-23, Back titration
Related compounds	Not More Than 3.0%	Sec.-35
Endotoxin*	Less Than 80 EU/g	Sec.-34-(2), 0.05 g/100 ml
Assay (anhydrous basis)	Not Less Than 97.0%	Sec.-35

\* The endotoxin-certified grade will be supplied on request.

## STORAGE

Keep in dry, cool and dark place