



## Product Specification

**Product Name:** Adenosine-5'-Triphosphate (ATP), Disodium trihydrate, Ultra Pure  
**Cat #:** A-081  
**CAS #:** 51963-61-2  
**Storage:** Store at -20°C.

| Test                                                                  | Specifications                        |
|-----------------------------------------------------------------------|---------------------------------------|
| Appearance                                                            | White to off-white crystalline powder |
| pH                                                                    | 2.5-3.5                               |
| Solution                                                              | Clear and colorless                   |
| Related Substances<br>- Total Impurities<br>- Any Individual Impurity | <br>≤5.0%<br>≤1.0%                    |
| Chloride                                                              | ≤0.5%                                 |
| Ferric Salt                                                           | ≤0.001%                               |
| Heavy Metal                                                           | ≤10 ppm                               |
| Assay (on dried basis)                                                | ≥95%                                  |
| Purity                                                                | ≥98%                                  |
| Bacterial endotoxin                                                   | ≤2 EU/mg                              |
| Bacterial count                                                       | ≤1000 cfu/g                           |
| Yeasts and Molds                                                      | ≤100 cfu/g                            |
| E. coli                                                               | None detected                         |
| Alcohol                                                               | ≤0.5%                                 |
| Water Content                                                         | 6.0% - 12.0%                          |

GOLD BIOTECHNOLOGY, INC. provides this Product Specification in good faith. Specifications are subject to change.

**Gold Biotechnology, Inc.**

1328 Ashby Rd.

St. Louis, MO 63132

P: (314)890-8778

F: (314)890-0503

E: [contactgoldbio86@goldbio.com](mailto:contactgoldbio86@goldbio.com)