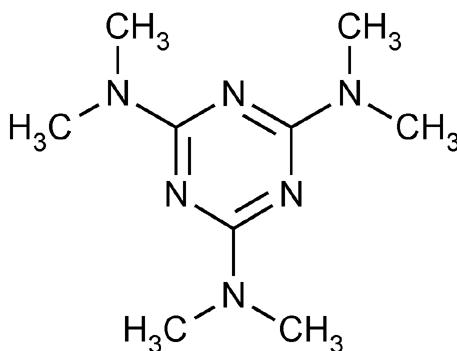




U.S. Pharmacopeia  
The Standard of Quality<sup>SM</sup>

# USP Certificate

## Altretamine LOT G0D184



### Molecular Formula

**C<sub>9</sub>H<sub>18</sub>N<sub>6</sub>**

### Molecular Weight

**210.28**

### CAS Number

**645-05-6**

### LABEL TEXT



#### USP<sup>®</sup> REFERENCE STANDARD

ALTRETAMINE 500 mg



Danger! Harmful if swallowed. Suspected of causing genetic defects. Suspected of causing cancer. May damage fertility or the unborn child.



Do not dry. For quantitative applications use a value of 0.998 mg of altretamine per mg on the as is basis. Keep container tightly closed. Protect from light.

USP, 12601 Twinbrook Pkwy, Rockville, MD, +1-301-881-0666

CAT No. 1017105 Material mfd in United States

Intentionally over-labeled for GHS compliance

For use with specified USP compendial tests. Not for use as a drug. See SDS prior to use at [www.usp.org/sds](http://www.usp.org/sds).

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wash thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection. If exposed or concerned: Get medical advice/attention. If swallowed: Call a poison center/doctor if you feel unwell. Rinse mouth. Store locked up. Dispose of contents/container in accordance with local/regional/national/international regulations.

USP certifies that the USP Reference Standards Committee, in accordance with their rules and procedures, determined that this USP Reference Standard lot is suitable to assess compliance with the monograph standards for which it is specified. The critical characteristics of this lot are usually determined independently in three or more laboratories, including USP, government, academic, and industrial collaborators.

*Jeri L. Toth*

QA Director

### Calculation Value

Unless otherwise stated on the Reference Standard label, a value of 100.0% should be used in USP or NF compendial applications for which the use of this Reference Standard is intended. Please refer to the specific Reference Standard label for further information.

### Expiration

Current lots are identified in the Official USP Reference Standards catalog. In some cases, the previous lot may still be considered official. If so, it is identified in the column marked "Previous Lot/Valid Use Date." Ordinarily, the previous lot is carried in official status for about one year after the current lot enters distribution.

It is the responsibility of each user to determine that this lot is current when used. To ensure up-to-date information, USP publishes the Official USP Reference Standards Catalog, which contains official lot designations. This information is also available on the USP web site, at [www.usp.org](http://www.usp.org), as well as in the bimonthly subscription publication, *Pharmacopeial Forum*.

### Instructions for Use

Follow the instructions in the appropriate USP or NF Monographs and General Requirements for Tests and Assays of the current *USP–NF*. In the event that instructions on the label of this lot differ from those found in the current *USP–NF*, those on the label supersede any instructions listed in Chapter <11>.

### Non-Monograph Use

The suitability of this Reference Standard for use in non-compendial applications is solely the responsibility of the user.

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