



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

# USP Certificate

## Butyl Acetate LOT F0E171

### Molecular Formula

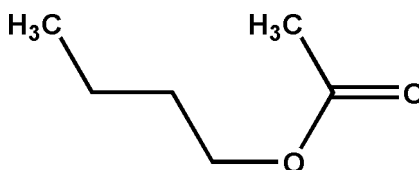
**C<sub>6</sub>H<sub>12</sub>O<sub>2</sub>**

### Molecular Weight

**116.16**

### CAS Number

**123-86-4**



### LABEL TEXT

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).



### REFERENCE STANDARD

#### BUTYL ACETATE 3 x 1.2 mL



Warning! Flammable liquid and vapor.  
May cause drowsiness or dizziness.



For quantitative applications, use a value of 1.00 mg of butyl acetate per mg on the as is basis.  
Dispose of unused portion after opening.

Intentionally over-labeled for GHS compliance  
**KEEP AMPULES IN SECONDARY CONTAINER!**

USP, 12801 Twinbrook Pkwy, Rockville, MD, +1-301-881-0666  
CAT. NO. 1082606 Material mfd. in United States

Keep away from heat/sparks/open flames/hot surfaces. - No smoking.  
Use only outdoors or in a well-ventilated area. Keep container tightly closed. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting/ equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Avoid breathing mist or vapor. Wear protective gloves/eye protection/face protection. If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison center/doctor if you feel unwell. In case of fire: Use appropriate media to extinguish. Store locked up. Store in a well-ventilated place. Keep cool. Keep container tightly closed. Dispose of contents/container in accordance with local/regional/national/international regulations.


LOT: F0E171




For use with specified USP compendial tests.  
Not for use as a drug. See SDS prior to use at  
www.usp.org/sds.

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

**BUTYL ACETATE 1.2 mL**

 Warning! Flammable liquid and vapor.  
May cause drowsiness or dizziness.

 For quantitative applications, use a value of  
1.00 mg of butyl acetate per mg on the as is  
basis. Dispose of unused portion after opening.

**Intentionally over-labeled for GHS compliance**  
USP, 12601 Twinbrook Pkwy, Rockville, MD, +1-301-881-0666  
CAT. NO. 1082606 Lot: F0E171  
Material mfd in United States

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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. Joth*

*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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