



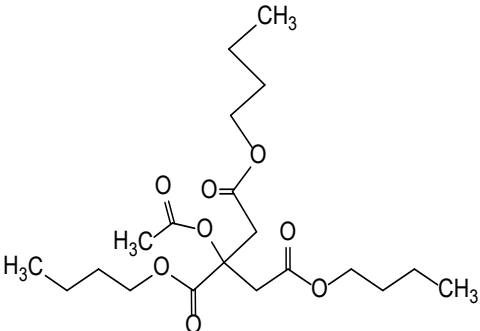
# Certificate

## ACETYLTRIBUTYL CITRATE

(Tributyl 2-acetoxypropane-1,2,3-tricarboxylate)

USP Catalog No.: 1009901

USP Lot No.: R053A1

	CAS Number: 77-90-7
	Molecular Formula: C <sub>20</sub> H <sub>34</sub> O <sub>8</sub>
	Molecular Weight: 402.48

### Additional Information:

This reference standard lot contains 0.09% Tributyl Aconitate and 0.16% Tributyl Citrate which is accounted for in the Assigned Value.

**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****ACETYLTRIBUTYL CITRATE 200 mg**

For quantitative applications, use a value of 0.995 mg of acetyltributyl citrate per mg of material on the as is basis. After opening, store the material in a tightly closed container.

Warning! Causes eye irritation.

Wash thoroughly after handling. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

See certificate for any additional information.

**KEEP AMPULE IN SECONDARY CONTAINER!**

**LOT: R053A1**

USP, 12601 Twinbrook Pkwy, Rockville, MD, +1-301-881-0666  
Cat. No. 1009901 Material mfd. in United States



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Not for use as a drug. See SDS prior to use  
at [www.usp.org/sds](http://www.usp.org/sds).

**REFERENCE  
STANDARD****ACETYLTRIBUTYL CITRATE 200 mg**

Warning! See outer package label for full hazard information.

For quantitative applications, use a value of 0.995 mg of acetyltributyl citrate per mg of material on the as is basis. After opening, store the material in a tightly closed container.

See certificate for any additional information.

USP, 12601 Twinbrook Pkwy, Rockville, MD, +1-301-881-0666  
Cat. No. 1009901 Lot: R053A1  
Material mfd. in United States

*Danielle A. Vattimo*

Quality Assurance

**Certificate Version History**

Version Number	Date	Reasons for Change
00 (Current)	12-MAR-2024	First issue

**Assigned Value**

Please refer to the USP Reference Standard label and/or USP Certificate for the assigned value of the specific lot. If an assigned value is not included on the label or Certificate, the lot was developed for qualitative USP compendial use and an assigned value will not be provided.

**Valid Use Date**

It is the responsibility of the user to ascertain that a particular lot of a USP Reference Standard has official status either as a "Current Lot" or as a "Previous Lot" within the assigned valid use date. The online USP Reference Standards Catalog and the online USP Store at [www.usp.org](http://www.usp.org) are updated daily. USP recommends referring to one of these sources prior to using a USP RS to make sure the lot is valid for use.

**Storage**

Storage conditions are lot-specific and may change from one lot to another. The storage condition for an unopened USP Reference Standard is provided on the container label only, not on the Safety Data Sheet. If no specific directions or limitations are on the label, conditions of storage include storage at room temperature and protection from moisture, light, freezing, and excessive heat. See General Chapter <659> in the USP-NF Online for storage and handling definitions.

**Instructions for Use**

Follow the instructions provided on this Certificate, on the label of the USP Reference Standard, and in the associated USP documentary standard(s). Please refer to General Chapter <11> for additional information.

**Non-USP Compendial Use**

USP Reference Standards are intended only for use in analytical or laboratory applications generally as specified in USP compendia. They are not for use in humans or animals as drugs or medical devices. It may be possible to use a USP RS outside of its associated USP compendial applications; however, it is the responsibility of the user to determine the suitability of the USP RS for a non-USP use.

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