

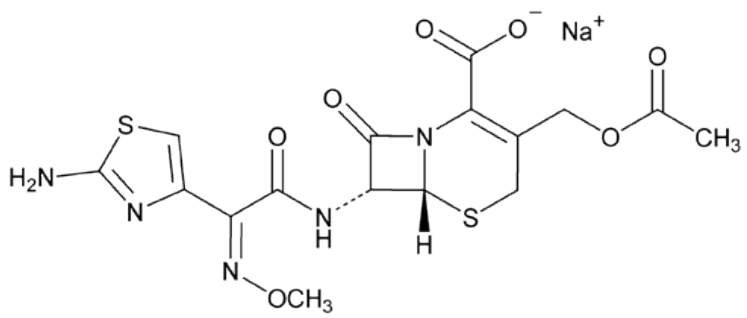
# Certificate

## CEFOTAXIME SODIUM

(Sodium (6R,7R)-7-[2-(2-amino-4-thiazolyl)glyoxylamido]-3-(hydroxymethyl)-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylate 7<sup>2</sup>-(Z)-(O-methyloxime), acetate (ester))

USP Catalog No.: 1097909

USP Lot No.: R071G0

	CAS No.: 64485-93-4
	Molecular Formula: C <sub>16</sub> H <sub>16</sub> N <sub>5</sub> NaO <sub>7</sub> S <sub>2</sub>
	Molecular Weight: 477.45

Additional Information: For water determination, use a solvent containing imidazole as buffer may help to achieve consistent results.

**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).



Lot: R071G0

**USP REFERENCE STANDARD**

**CEFOTAXIME SODIUM 500 mg**



Danger! May cause an allergic skin reaction. May cause allergy or asthma symptoms or breathing difficulties if inhaled.

Do not dry. For quantitative applications, determine the water content titrimetrically at the time of use. Use material as is and correct weight for water content. Use a value of 925 µg of cefotaxime per mg of material on the anhydrous basis. See USP Certificate for additional information. Keep container tightly closed. Protect from light. Material is hygroscopic. Store in a refrigerator.

USP, 12601 Twinbrook Pkwy, Rockville, MD, +1-301-881-0666  
Cat. No. 1097909 Material mfd. in China

Contaminated work clothing must not be allowed out of the workplace. Wear protective gloves. In case of inadequate ventilation wear respiratory protection. If on skin: Wash with plenty of water. If skin irritation or rash occurs: Get medical advice/attention. Wash contaminated clothing before reuse. If inhaled: If breathing is difficult, remove person to fresh air and keep comfortable for breathing. If experiencing respiratory symptoms: Call a poison center/doctor. Dispose of contents/container in accordance with local/regional/national/international regulations.

*Jeri L. Joth*

*Quality Assurance*

**Calculation Value**

If a value is not provided on the label or accompanying documentation and the Reference Standard has a quantitative USP compendial application, a value of 100.0% is used. The purity value is not applicable for qualitative uses. Please refer to the specific Reference Standard label for further information.

**Expiration**

Current lots are identified in the current USP Catalog. In some cases, the previous lot may still be considered valid for use. If so, it is identified in the column marked "Previous Lot/Valid Use Date."

It is the responsibility of each user to determine that this lot is current or valid when used. For the most up-to-date information, please refer to the USP Store at [www.usp.org](http://www.usp.org).

**Instructions for Use**

Follow the instructions on the label of the USP Reference Standard and in the appropriate USP documentary standard(s).

**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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