

Cefsulodin Supplement



- For in vitro use only -

Catalogue No.

VC45-05 Cefsulodin Supplement [5-mL / 500-mL] (Liquid)
LC45-05 Cefsulodin Supplement [5-mL / 500-mL] (Lyophilized)

A selective supplement used in the selective isolation of *Enterobacteriaceae* such as *E. coli* and *S. typhimurium* when incorporated into various mediums. The active ingredient, cefsulodin, is a third generation, narrow-spectrum, cephalosporin primarily active against *Pseudomonas aeruginosa* and *Staphylococcus aureus*.

Active Ingredients per 5-mL Vial

Cefsulodin..... 6.0 mg

Appropriate Commercial Bases

Manufacturer	Description	Catalogue No.
Various	Various	Various

Reconstitution Procedure

The lyophilized supplement must be reconstituted prior to use:

1. Aseptically add 5.0-mL of sterile, purified water to the vial.
2. Swirl vial gently until supplement is completely dissolved.

Recommended Method for Media Preparation

1. Allow Cefsulodin Supplement to adjust to room temperature prior to using.
2. Cefsulodin Supplement can be used in a variety of mediums at various concentrations therefore prepare mediums according to manufacturers' instructions and add cefsulodin at the prescribed concentration.
3. Cool medium to 45 to 50°C in a warm water bath.
4. Pour the completed medium into sterile petri dishes.
5. Allow medium to set on a level surface.

Quality Control

The following organisms are used to determine the performance of the completed medium. Inoculate and incubate aerobically at 35°C for up to 48 hours.

Organism	Expected Results
<i>Escherichia coli</i> ATCC 25922	Growth
<i>Pseudomonas aeruginosa</i> ATCC 27853	Partial to complete inhibition
<i>Staphylococcus aureus</i> ATCC 25923	Partial to complete inhibition

Storage and Shelf Life

Our frozen Cefsulodin Supplement has a shelf life of 26 weeks from the date of manufacture when stored at -20°C. The lyophilized supplement has a shelf life of 104 weeks (2 years) from the date of manufacture when stored at 4 to 8°C.

Original: December 2005 Updated: January 2014 Checked: January 2014