



## 7986 Oxford Listeria Supplement

### Intended Use

Oxford Listeria Supplement is used with Oxford Listeria Agar Base as a supplement for the selective enrichment of *Listeria* spp. in foods in a laboratory setting. Oxford Listeria Supplement is not intended for use in the diagnosis of disease or other conditions in humans.

### Principles of the Procedure

Oxford Listeria Supplement is a lyophilized supplement which is reconstituted into a solution and is added to Oxford Listeria Agar Base.

For use in:

**7428 Oxford Listeria Agar Base:** The selective agents contained in this supplement are added to this medium base to make the complete Oxford Medium used in the FDA procedure for isolating *Listeria* spp. from foods.

### Formula (per vial)

Acriflavin.....	2.5 mg
Cefotetan.....	1.0 mg
Colistin sulfate .....	10.0mg
Cycloheximide.....	200.0 mg
Phosphomycin.....	5.0 mg

### Precaution

1. For laboratory use only.

### Directions

#### **Oxford Listeria Agar Base- as Oxford Medium**

1. Suspend 57.5 g of the medium in one liter of purified water.
2. Heat with frequent agitation and boil for one minute to completely dissolve the medium.
3. Autoclave at 121°C for 10 – 15 minutes. Cool to 45 - 50°C.
4. Reconstitute 2 vials of Oxford Listeria Supplement and aseptically add to 1L of the sterile medium.
5. Dispense as desired.

### Quality Control Specifications

**Lyophilized Appearance:** Homogenous gold to yellow to orange-yellow dried 'cake', crystalline; may break up with agitation.

**Reconstituted Appearance:** Clear to very slightly opalescent, gold-yellow with a green tint; no to very light precipitate.

### Reconstitution Procedure

1. Reconstitute the vial by aseptically adding 2.5ml of absolute ethanol (100%/200proof); not denatured), mix to initiate dissolving, then add 2.5ml sterile purified water and mix thoroughly.

### Storage

Store sealed bottle containing the product at 2 - 8°C.

### Expiration

Refer to expiration date on the label. Expiry applies to the lyophilized supplement in its intact container when stored as directed.



**Limitations of the Procedure**

Discard if lyophilized supplement demonstrates any moisture uptake or appears to have liquefied; discard if reconstituted supplement demonstrates any precipitate.

**Packaging**

**Oxford Listeria Supplement**

**Code No.                      7986 10 x 5ml**

**Technical Information**

Contact Acumedia Manufacturers, Inc. for Technical Service or questions involving dehydrated culture media preparation or performance at (517)372-9200 or fax us at (517)372-2006.