

7991 Modified Oxford Listeria Supplement

Intended Use

Modified 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. Modified Oxford Listeria Supplement is not intended for use in the diagnosis of disease or other conditions in humans.

Principles of the Procedure

Modified 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 moxalactam and colistin sulfate contained in this supplement are added as selective agents to this medium base to make the complete Modified Oxford Medium used in the USDA procedure for isolating *Listeria* spp. from foods.

Formula (per vial)

Moxalactam.....10.0mg
Colistin sulfate.....5.0mg

Precaution

1. For laboratory use only.

Directions

Oxford Listeria Agar Base- as Modified 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 Modified Oxford Listeria Supplement and aseptically add to 1L of the sterile medium.
5. Dispense as desired.

Quality Control Specifications

Lyophilized Appearance: Homogenous white dried 'cake', crystalline; may break up with agitation.

Reconstituted Appearance: Clear to very slightly opalescent, colorless to straw-colored; no to very light precipitate.

Reconstitution Procedure

1. Reconstitute the vial by aseptically adding 5.0ml of 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

Modified Oxford Listeria Supplement

Code No. 7991 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.