

## Palcam PAC Supplement (NCM4041)

### Intended Use

A selective culture media supplement designed for the enrichment and isolation of *Listeria* spp. Palcam PAC Supplement is intended for use in culture media for the microbiological analysis of food, animal feed, water and environmental samples, and is for use with:

|         |                  |
|---------|------------------|
| NCM0049 | Palcam Broth     |
| NCM0111 | Palcam Agar Base |

### Typical Formulation

|             |           |
|-------------|-----------|
| Polymyxin B | 10.0 mg/L |
| Ceftazidime | 20.0 mg/L |
| Acriflavine | 5.0 mg/L  |

### Typical Formulation by Vial Size

|             | Per 500 mL Vial<br>NCM4041-0.5 |
|-------------|--------------------------------|
| Polymyxin B | 5.0 mg                         |
| Ceftazidime | 10.0 mg                        |
| Acriflavine | 2.5 mg                         |

### Precaution

Refer to SDS



### Preparation

1. Using aseptic technique, remove the crimp cap and rubber stopper. Aseptically retain the stopper.
2. Reconstitute the contents of the vial using the appropriate volume of sterile deionized/RO water as indicated in the table below.
3. Replace the rubber stopper and gently shake or invert the contents to dissolve.
4. Add the vial contents to the cooled medium as per the label directions.

|                                  | NCM4041-0.5 |
|----------------------------------|-------------|
| Supplement Reconstitution Volume | 5 mL        |
| Media Prep Volume                | 500 mL      |

### Quality Control Specifications

Lyophilized Appearance: Homogenous yellow to orange dried pellet; may break up with agitation.

Reconstituted Appearance: Hazy to opaque, yellow to orange solution.

A brown deposit may be present after reconstitution due to the raw material variation.

### Storage

Store sealed vial at 2-8°C away from direct sunlight.

### Expiration

Refer to expiration date stamped on the container. Expiry applies to unopened dehydrated supplement.

### Precautions

Discard if lyophilized supplement demonstrates any moisture uptake or appears to have liquefied.

