**Enterobacteriae Enrichment Broth Mossel(EEBM)**

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| **Product No.** | **Product Category** | **Specification** |
| HCM070 | Dehydrated Culture Medium | 500g/bottle |
| 022161 | Dehydrated Culture Medium | 250g/bottle |

**Intended Use**

For enriching bile-tolerant Gram-negative bacteria in the microbiological examination of pharmaceutical products.

**Principle and Interpretation**

Pancreatic digest of gelatin provide protein, vitamins and amino acids; glucose carbon source; disodium hydrogen phosphate and potassium dihydrogen phosphate as a buffer; ox bile and brilliant green as selective antibacterial agent, inhibiting the growth of non-Enterobacteriaceae.

**Formulation**

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| **Ingredients** | **/liter** |
| Pancreatic digest of gelatin  |  10g |
| Glucose monohydrate  |  5g |
| Dehydrated ox bile  |  20g |
| Potassium dihydrogen phosphate  |  2g |
| Disodium hydrogen phosphate dihydrate  |  8g |
| Brilliant green  |  15mg |
| pH7.2±0.2 at 25°C |

**Preparation**

Suspend 45g in 1L of distilled water,stir until completely dissolved and dispense 100 mL into test tubes , heat at 100 °C for 30 min in a waterbath or flowing steam.

**Quality Control**

The following quality control strains were inoculated and cultured at 30-35℃ for 24h-48h. The results are as follows:

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| **Quality control strains** | **Inoculum (CFU)** | **Growth** |
| *Escherichia coli* ATCC8739 | < 100 | Good growth |
| *Pseudomonas aeruginosa* ATCC9027 |
| *Staphylococcus aureus* ATCC6538 | > 100 |  Inhibited |

**Storage and Shelf Life**

2-30℃，Keep container tightly closed, avoid direct sunlight.

Use before expiry date on the label.

 **Precautions**

1. When weighing the dehydrated medium, please wear masks to avoid causing respiratory system discomfort

2. Keep container tightly closed after using to prevent clumping.

**Waste Disposal**

Microbiological contamination was disposed by autoclaving at 121°C for 30 minutes.

**Revision**

On June 14, 2024

**References**

USP Volume <62>Microbiological examination of nonsterile products：test for special microorganisms

European Pharmacopoeia 6.1. 2.6.13 Microbiological Examination of Non-Sterile Products: Test for Specified Micro-organisms.