GVC Enrichment Solution

Cat: RL100145
Specification: 10*20ml
Storage: Store at 2-8℃， avoid light

Introduction:

I. Product use:

For the cultivation of Burkholderia gladiolus (Pseudomonas coconuta yeast rice noodle subspecies) in samples of food poisoning caused by fermented rice noodles, deteriorated tremella and other starchy fermented foods.

II. Inspection principle:

Potatoes provide various nitrogen sources, carbon sources, vitamins; Glucose provides energy; Crystal violet inhibits gram-positive bacteria; Chloramphenicol inhibits most of the bacterial growth of Burkholderia copicae.

III. Composition: g/L

Potato 300.0g Extracted powder
Glucose 20.0g
Crystal Violet 0.01g
Chloramphenicol 0.02g
Purified water 1000mL
Final pH 7.0±0.2

IV. Instructions for use: (for reference only)

Fourth, usage method: unpack and use it, pay attention to aseptic operation.

V. Quality Control:

The following quality control strains were inoculated and cultured at 35-37℃ for 48-72 hours, and the observation results are shown in the following table:

Index	Quality control strain and number	Standard value	characteristic reaction
Growth rate	Burkholderia cocovenenans ATCC33664	Inoculate <100 cfu into the medium, after cultivation, the colony growing on PDA (specific for cocoa poisoning) should be >30cfu	The colony is grayish white or milky white, with a raised center and a straw hat shape. There is yellow pigment spreading around the colony into the matrix
Selective	Escherichia coli ATCC25922	T inoculation of 1000-5000 cfu, after cultivation, on TSA <20 cfu	-
	Staphylococcus aureus ATCC6538		-

VI. Note:

Operate in a clean environment to avoid contamination of the culture medium.

VII. Waste disposal:

After testing, the contaminated items are placed under high-pressure sterilization at 121℃ for 30 minutes.