

GVC Enrichment Solution

Cat: RL100141

Specification: 10*225ml

Storage: Store at 2-25°C, 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 and leached 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)

unpack and use it, pay attention to aseptic operation.

V. Quality Control:

The following quality control strains were inoculated and cultured at 35-37°C 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	<i>Burkholderia cocovenenans</i> ATCC33664	inoculate <100 cfu into the medium, and after cultivation, the colonies growing on PDA (specific for cocoa poisoning) should be >30cfu	The colonies are grayish white or milky white, with a raised center and a straw hat shape. There is yellow pigment spreading around the colonies into the matrix
Selectiv e	<i>Escherichia coli</i> ATCC25922	inoculation of 1000-5000 cfu, after cultivation, <20 cfu on TSA	-
	<i>Staphylococcus aureus</i> 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°C for 30 minutes.