

411: CLOSTRIDIUM ACETOBUTYLICUM MEDIUM

Potato (fresh, washed, peeled and sliced)	200.00	g
CaCO ₃	2.00	g
Sodium resazurin (0.1% w/v)	0.50	ml
D-Glucose	6.00	g
L-Cysteine HCl x H ₂ O	0.50	g
Distilled water	1000.00	ml

1. Mix potatoes and CaCO₃ then autoclave 30 min at 121°C. Filter through cheese cloth, add glucose and cysteine, distribute under 100% N₂ gas atmosphere into anoxic Hungate-type tubes or serum vials and autoclave at 121°C for 20 min. Adjust pH of complete medium to 6.8.

2. Note: For the reactivation of freeze-dried strains it is recommended to use the following simple milk medium:

Milk Medium

Milk (fresh)	100.00	ml
Sodium resazurin (0.1% w/v)	0.10	ml

Adjust pH to 7.1. Tube and autoclave under 100% N₂ gas atmosphere for 12 min at 121°C.