

## 411. CLOSTRIDIUM ACETOBUTYLICUM MEDIUM

|   |        |    |
|---|--------|----|
| Fresh potatoes, washed, peeled and sliced | 200.0  | g  |
| CaCO <sub>3</sub>                         | 2.0    | g  |
| Na-resazurin solution (0.1% w/v)          | 0.5    | ml |
| D-Glucose                                 | 6.0    | g  |
| L-Cysteine-HCl x H <sub>2</sub> O         | 0.5    | g  |
| Distilled water                           | 1000.0 | ml |

Mix potatoes and CaCO<sub>3</sub> then autoclave 30 min at 121°C. Filter through cheese cloth, add glucose and cysteine, distribute under 100% N<sub>2</sub> gas atmosphere into anoxic Hungate-type tubes or serum vials and autoclave at 121°C for 20 min.

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

### Milk Medium:

|                                  |       |    |
|----------------------------------|-------|----|
| Fresh milk                       | 100.0 | ml |
| Na-resazurin solution (0.1% w/v) | 0.1   | ml |

Adjust pH to 7.1. Tube and autoclave under 100% N<sub>2</sub> gas atmosphere for **12 min** at 121°C.