

## 1006: ALLISONELLA MEDIUM

DL-Histidine	7.80	g
Yeast extract	4.00	g
Trypticase peptone (BD BBL)	1.00	g
K <sub>2</sub> HPO <sub>4</sub>	0.29	g
KH <sub>2</sub> PO <sub>4</sub>	0.29	g
(NH <sub>4</sub> ) <sub>2</sub> SO <sub>4</sub>	0.48	g
NaCl	0.48	g
MgSO <sub>4</sub> x 7 H <sub>2</sub> O	0.10	g
CaCl <sub>2</sub> x 2 H <sub>2</sub> O	64.00	mg
Sodium resazurin (0.1% w/v)	0.50	ml
Na <sub>2</sub> CO <sub>3</sub>	4.00	g
<b>Volatile fatty acid mixture</b>	3.10	ml
L-Cysteine HCl x H <sub>2</sub> O	0.50	g
Distilled water	1000.00	ml

Dissolve ingredients (except carbonate, fatty acid mixture and cysteine), bring medium to the boil, then cool to room temperature under 100% CO<sub>2</sub> gas atmosphere. Add solid carbonate, fatty acid mixture and cysteine and adjust pH to 6.0. Dispense medium under 100% CO<sub>2</sub> gas atmosphere into anoxic Hungate-type tubes or serum vials and autoclave. Adjust pH of complete medium to 6.0, if necessary.

### **Volatile fatty acid mixture** (from medium 330)

Acetic acid	548.50	ml
Propionic acid	193.50	ml
Butyric acid	129.00	ml
n-Valeric acid	32.25	ml
iso-Butyric acid	32.25	ml
DL-2-Methylbutyric acid	32.25	ml
iso-Valeric acid	32.25	ml