

**157. WOLINELLA SUCCINOGENES MEDIUM**

$(\text{NH}_4)_2\text{SO}_4$	1.00	g
$\text{K}_2\text{HPO}_4$	5.00	g
$\text{Na}_2$ -fumarate	4.00	g
Na-formate	3.00	g
Yeast extract	1.00	g
$\text{MgCl}_2 \times 6 \text{ H}_2\text{O}$	0.20	g
$\text{FeSO}_4 \times 7 \text{ H}_2\text{O}$	0.02	g
Na-resazurin solution (0.1% w/v)	0.50	ml
L-Cysteine-HCl x H <sub>2</sub> O	0.30	g
$\text{Na}_2\text{S} \times 9 \text{ H}_2\text{O}$	0.30	g
Distilled water	1000.00	ml

Dissolve ingredients (except cysteine and sulfide), sparge medium with 100% N<sub>2</sub> gas for 30 – 45 min to make it anoxic. Dispense medium under same gas atmosphere into anoxic Hungate-type tubes or serum vials and autoclave. Add cysteine and sulfide from sterile anoxic stock solutions prepared under 100% N<sub>2</sub> gas and adjust pH of complete medium to 7.0 - 7.2, if necessary.