

**ATCC Medium: 2843 Modified Desulfotomaculum alkaline Medium**

**Basal Medium**

KH <sub>2</sub> PO <sub>4</sub> .....	0.2 g
MgCl <sub>2</sub> x 6H <sub>2</sub> O.....	0.1 g
KCl.....	0.2 g
NH <sub>4</sub> Cl.....	1.0 g
NaCO <sub>3</sub> .....	0.5 g
NaSO <sub>4</sub> .....	5.0 g
NaCl.....	5.0 g
DI Water.....	.865 ml

Autoclave at 121 for 15 minutes. Cool under N<sub>2</sub>. **Final pH 9.5**. Aseptically add the following anaerobic solutions:

**Formate Solution**

Yeast Extract.....	0.01 g
Soluble Starch.....	2.0 g
Wolfe's Vitamins.....	10.0 ml
Wolfe's Minerals.....	10.0 ml
DI Water.....	20.0 ml

Gas with N<sub>2</sub>. Filter sterilize.

**Bicarbonate Solution**

NaHCO <sub>3</sub> .....	8.0 g
DI Water.....	100 ml

Filter sterilize.

**Sulfide Solution**

Na <sub>2</sub> S x 9H <sub>2</sub> O.....	0.5 g
DI Water.....	5.0 ml

Filter sterilize.