

**ATCC Medium 1957: Geobacter Medium**

NH <sub>4</sub> Cl.....	1.5 g
NaH <sub>2</sub> PO <sub>4</sub> .....	0.6 g
KCl.....	0.1 g
NaHCO <sub>3</sub> .....	2.5 g
Sodium acetate.....	0.82 g
Wolfe's Vitamins (MD-VS).....	10.0 mL
Wolfe's Metals (MD-TMS).....	10.0 mL
Distilled water .....	976.0 mL
0.025% Resazurin (See below).....	4.0 mL

*Prepare and dispense medium anaerobically under 80%N<sub>2</sub>, 20%CO<sub>2</sub>.*

*Final pH of medium should be approximately 6.8.*

*Autoclave at 121°C for 15 minutes.*

**0.025% Resazurin**

Resazurin.....	25.0 mg
DI Water.....	100.0 mL

*Prepare fumarate solution separately (below) and dispense 10 mL each into two 16R tubes.*

**Sodium fumarate 1M solution**

Sodium fumarate.....	16.0 g
DI Water .....	100.0 mL

*Filter sterilize and sparge with nitrogen.*

*Add fumarate from a filter-sterilized, nitrogen sparged stock solution prior to inoculation.*