

**ATCC medium: 2104 Marine *Thermococcus* medium**

Marine Broth 2216 (BD 279110).....37.4 g  
Distilled water.....1.0 L

Dissolve the broth powder well. Filter through normal filter paper. An iron sediment will collect on the filter paper. Boil the medium in a water bath and cool under oxygen-free N<sub>2</sub> gas. Adjust pH to 7.2. Reduce the medium by adding 5.0 ml of a neutralized Na<sub>2</sub>S solution (0.5 g Na<sub>2</sub>S in 5.0 ml water, neutralized to pH 7.0 with H<sub>2</sub>SO<sub>4</sub>) for a final concentration of 0.05%. Dispense the medium under gas into aluminum seal tubes containing finely divided sulfur (0.5% w/v) and seal the tubes. Sterilize the medium for 3 consecutive days at 100C for 3 hours. The medium should not give a heavy black precipitate. If it does, the iron sediment was not adequately removed by filtering and the medium should be made again.