

**ATCC medium: 2185 *Halobacterium* NRC-1 medium**

*Basal Medium:*

NaCl.....250.0 g  
MgSO<sub>4</sub> . 7H<sub>2</sub>O .....20.0 g  
Trisodium citrate.....3.0 g  
KCl.....2.0 g  
Tryptone.....5.0 g  
Yeast extract.....3.0 g  
Distilled water.....1.0 L

Autoclave at 121C for 15 minutes.

Add 0.1 ml of Trace Metals (See below) to sterile basal medium.  
Dispense aseptically.

*Trace Metals:*

ZnSO<sub>4</sub> . 7H<sub>2</sub>O .....1.32 g  
MnSO<sub>4</sub> . H<sub>2</sub>O .....0.34 g  
Fe(NH<sub>4</sub>)<sub>2</sub>SO<sub>4</sub> . 6H<sub>2</sub>O .....0.82 g  
CuSO<sub>4</sub> . 5H<sub>2</sub>O .....0.14 g  
Distilled water.....200.0 ml

Filter-sterilize.

*Agar Medium:*

For agar medium, dissolve the ingredients for the basal medium in 600 ml of water. Autoclave the basal medium at 121C for 15 minutes.

In a 2.0 liter flask, dissolve 20 g of agar in 400 ml of distilled water. Autoclave at 121C for 15 minutes.

Combine the sterile basal medium and this agar solution; add 0.1 ml of the Trace Metals solution. Dispense as required.