

**1434. ALTEROMONAS MEDIUM**

(NH <sub>4</sub> ) <sub>2</sub> SO <sub>4</sub>	2.0	g
K <sub>2</sub> HPO <sub>4</sub>	2.0	g
KH <sub>2</sub> PO <sub>4</sub>	1.0	g
NaCl	20.0	g
MgSO <sub>4</sub> x 7 H <sub>2</sub> O	0.3	g
Trace elements (see below)	1.0	ml
Vitamin B <sub>12</sub>	0.1	mg
Methanol	10.0	ml
Agar	15.0	g
Distilled water	1000.0	ml

pH 7.0

Prepare the medium without methanol and vitamin B<sub>12</sub> in closed vessels with a medium to headspace ratio of 1:5 to 1:10. Adjust pH to 7.0 and sterilize. Allow to cool to about 45°C before adding 1mL filter-sterilized Vitamin B<sub>12</sub> stock solution (0.1mg/100ml) and 10 mL filter-sterilized methanol per liter medium.

*Trace elements:*

MnSO <sub>4</sub> x H <sub>2</sub> O	76.00	mg
CuSO <sub>4</sub> x 5 H <sub>2</sub> O	25.00	mg
FeSO <sub>4</sub> x 7 H <sub>2</sub> O	28.00	mg
ZnSO <sub>4</sub> x 7 H <sub>2</sub> O	0.14	g
CaCl <sub>2</sub> x 2 H <sub>2</sub> O	15.00	mg
CoCl <sub>2</sub> x 6 H <sub>2</sub> O	24.00	mg
Na <sub>2</sub> MoO <sub>4</sub> x 2H <sub>2</sub> O	24.00	mg
Distilled water	100.00	ml