



## Main sol. 1610

<b>Solution 1 (50x salt stock)</b>	20.00	ml
<b>Solution 2 (100 mM Fe EDTA)</b>	0.40	ml
<b>Solution 3 (100 mM KH<sub>2</sub>PO<sub>4</sub>)</b>	10.00	ml
<b>Solution 4 (10 mM CuSO<sub>4</sub> x 5 H<sub>2</sub>O)</b>	0.10	ml
<b>Solution 5 (30% NaCl)</b>	100.00	ml
<b>Solution 6 (100 mM NH<sub>4</sub>Cl)</b>	20.00	ml
<b>Solution 7 (100 mM KNO<sub>3</sub>)</b>	20.00	ml
<b>Solution 8 (100 mM HEPES)</b>	50.00	ml
<b>Solution 9 (100µM lanthanides)</b>	1.00	ml
<b>Trace element solution</b>	1.00	ml
Distilled water	1000.00	ml
Methanol (filter sterilized)	10.00	ml

1. Dilute 20 ml of solution 1 to 700ml with distilled water.
2. Add 100mL of solution 5, 50 mL of solution 8, 20mL of solution 6 and 7 and 10 mL of solution 3.
3. Add 1ml trace element solution.
4. Add 0.4 mL solution 2.
5. Add 0.1 mL solution 4.
6. Add 1.0 mL solution 9.
7. Dissolve and bring to 1L.
8. Adjust pH to 7.8 with HCl or NaOH. Autoclave medium.
9. After autoclaving add 10mL per liter of filter sterilized methanol.