

## 1033. THERMUS MEDIUM

Nitrilotriacetic acid (C <sub>6</sub> H <sub>9</sub> NO <sub>6</sub> )	0.10	g
CaSO <sub>4</sub> x 2 H <sub>2</sub> O	0.06	g
MgSO <sub>4</sub> x 7 H <sub>2</sub> O	0.10	g
NaCl	0.008	g
KNO <sub>3</sub>	0.10	g
NaNO <sub>3</sub>	0.69	g
Na <sub>2</sub> HPO <sub>4</sub>	0.1	g
Traceelements solution	10.0	ml
0.17 mM FeCl <sub>3</sub> x 6 H <sub>2</sub> O	10.0	ml
Tryptone (Bacto Trypton 211705)	1.0	g
Yeast extract (Oxoid LP0021, BD 212750)	1.0	g
Agar	15.00	g
Distilled water	1000.0	ml

Dissolve the nitrilotriacetic acid (C<sub>6</sub>H<sub>9</sub>NO<sub>6</sub>), adjust the pH to 8.0 with 1 M NaOH.  
 Dissolve the remaining ingredients in the nitrilotriacetic acid solution and adjust to pH 8.2 with 1 M NaOH.  
 Autoclave at 121° C for 15 minutes.

### Traceelements Solution

MnSO <sub>4</sub> x H <sub>2</sub> O	0.2200	g
ZnSO <sub>4</sub> x 7 H <sub>2</sub> O	0.0500	g
H <sub>3</sub> BO <sub>3</sub>	0.0500	g
CuSO <sub>4</sub> x 5 H <sub>2</sub> O	0.0025	g
Na <sub>2</sub> MoO <sub>4</sub> x 2 H <sub>2</sub> O	0.0025	g
CoCl <sub>2</sub> x 6 H <sub>2</sub> O	0.0046	g
Distilled water	1000.00	ml