

**1187. ANOYXNATRONUM MEDIUM**

Na <sub>2</sub> CO <sub>3</sub>	25.0	g
NaHCO <sub>3</sub>	25.0	g
KCl	0.2	g
MgCl <sub>2</sub> x 6 H <sub>2</sub> O	0.1	g
NH <sub>4</sub> Cl	0.5	g
K <sub>2</sub> HPO <sub>4</sub>	0.2	g
Yeast extract	0.2	g
Trace elements SL-10 (see medium 320)	1.0	ml
Vitamin solution (see medium 141)	1.0	ml
Na <sub>2</sub> S x 9 H <sub>2</sub> O	0.7	g
Glucose	5.0	g
Distilled water	1000.0	ml

pH 9.0

Prepare the medium anaerobically without the vitamins, Na<sub>2</sub>S, yeast extract NaHCO<sub>3</sub>, and Na<sub>2</sub>CO<sub>3</sub>. Boil the medium, cool under N<sub>2</sub>, add the NaHCO<sub>3</sub>, and Na<sub>2</sub>CO<sub>3</sub>, dispense under N<sub>2</sub> and autoclave the medium. Add the vitamin solution, yeast extract, Na<sub>2</sub>S and glucose from sterile stock solution prepared under N<sub>2</sub> to the cooled, autoclaved medium.