

## Main sol. 266

$(\text{NH}_4)_2\text{SO}_4$	1.30	g
$\text{KH}_2\text{PO}_4$	0.28	g
$\text{MgSO}_4 \times 7 \text{ H}_2\text{O}$	0.25	g
$\text{CaCl}_2 \times 2 \text{ H}_2\text{O}$	0.07	g
$\text{FeCl}_3 \times 6 \text{ H}_2\text{O}$	0.02	g
$\text{MnCl}_2 \times 4 \text{ H}_2\text{O}$	1.80	mg
$\text{Na}_2\text{B}_4\text{O}_7 \times 10 \text{ H}_2\text{O}$	4.50	mg
$\text{ZnSO}_4 \times 7 \text{ H}_2\text{O}$	0.22	mg
$\text{CuCl}_2 \times 2 \text{ H}_2\text{O}$	0.05	mg
$\text{Na}_2\text{MoO}_4 \times 2 \text{ H}_2\text{O}$	0.03	mg
$\text{VOSO}_4 \times 2 \text{ H}_2\text{O}$	0.03	mg
$\text{CoSO}_4 \times 7 \text{ H}_2\text{O}$	0.01	mg
NaCl	40.00	g
Resazurin	1.00	mg
Yeast extract	2.00	g
Sulfur (powdered)	5.00	g
Distilled water	1000.00	ml

1. Adjust final pH to 5.8.

2. Prepare the medium anaerobically under 100% nitrogen. The following constituents are prepared separately and added to the autoclaved mineral salt solution: Yeast extract (20 ml of 10% w/v solution)-boiled for a few minutes not autoclaved; sulfur (10 g)-sterilized by steaming for 3 h on each of three successive days;  $\text{Na}_2\text{S} \times 9 \text{ H}_2\text{O}$  (10 ml of 3% w/v solution)-autoclaved under nitrogen atmosphere.