

## 1809: DC-8A Medium

K <sub>2</sub> HPO <sub>4</sub>	2.90	g
Urea	4.20	g
Yeast extract	2.00	g
CaCl <sub>2</sub> x 2 H <sub>2</sub> O	0.01	g
Na <sub>2</sub> CO <sub>3</sub>	1.00	g
L-Cysteine HCl x H <sub>2</sub> O	0.50	g
Resazurin	0.50	mg
<b>Mineral solution</b>	0.20	ml
Distilled water	900.00	ml
Xylose (w/v, 10%)	100.00	ml

Mix components thoroughly and adjust pH to 9.0. Distribute the medium into culture vessels (e.g., 9.0 ml in Balch tubes), replace the gas phase with N<sub>2</sub>, seal with butyl rubber stoppers, and autoclave. After cooling, aseptically and anaerobically add per 900 ml the following solution (autoclaved under a N<sub>2</sub> atmosphere):

<b>Mineral solution</b>		
MgCl <sub>2</sub> x 6 H <sub>2</sub> O	25.000	g
CaCl <sub>2</sub> x 2 H <sub>2</sub> O	37.500	g
FeSO <sub>4</sub> x 7 H <sub>2</sub> O	0.312	g
Distilled water	1000.000	ml