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## DEFINED MEDIUM FOR *RHODOCOCCUS SPP. I24 AND KY1* (MEDIUM RARE)

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(NH <sub>4</sub> ) <sub>2</sub> SO <sub>4</sub>	1.4 g/l
MgSO <sub>4</sub> ·7H <sub>2</sub> O	1.0 g/l
CaCl <sub>2</sub> ·2H <sub>2</sub> O	0.015 g/l
MOPS*	1g/l
A9 trace elements solution	1.0 ml/l
Stock Solution A	1.0 ml/l
1.0 M phosphate buffer	35.2 ml/l
Glucose	40 g/l

**Stock A** (per liter of water): NaMoO<sub>4</sub>·2H<sub>2</sub>O 2.0 g  
FeNa.EDTA 5.0 g  
filter sterilize; store at 4°C

**A9 trace elements solution:** FeSO<sub>4</sub>·7H<sub>2</sub>O 0.5 g  
(per liter of water) ZnSO<sub>4</sub>·7H<sub>2</sub>O 0.4 g  
MnSO<sub>4</sub>·H<sub>2</sub>O 0.02 g  
H<sub>3</sub>BO<sub>3</sub> 0.015 g  
NiCl<sub>2</sub>·6H<sub>2</sub>O 0.01 g  
EDTA 0.25 g  
CoCl<sub>2</sub>·6H<sub>2</sub>O 0.05 g  
CuCl<sub>2</sub>·2H<sub>2</sub>O 0.005 g  
filter sterilize; store at 4°C

**1.0 M phosphate buffer:** K<sub>2</sub>HPO<sub>4</sub> 113 g  
(per liter of water) Kh<sub>2</sub>PO<sub>4</sub> 47 g

Note: Add (NH<sub>4</sub>)<sub>2</sub>SO<sub>4</sub>, MgSO<sub>4</sub>·7H<sub>2</sub>O, CaCl<sub>2</sub>·2H<sub>2</sub>O and MOPS buffer to 863 ml of water and autoclave. Then add sterile stock A, A9, 1M phosphate and 100 ml of 400g/l glucose solution.

\*MOPS is optional