

**ATCC medium: 1441 Corn starch soluble medium (CSSM)**

Corn starch.....	42.0 g
KH <sub>2</sub> PO <sub>4</sub> .....	0.75 g
K <sub>2</sub> HPO <sub>4</sub> .....	0.75 g
MgSO <sub>4</sub> .....	0.02 g
MnSO <sub>4</sub> . H <sub>2</sub> O .....	0.01 g
FeSO <sub>4</sub> . 7H <sub>2</sub> O .....	0.01 g
NaCl.....	1.0 g
L-Cysteine . HCl.....	0.5 g
Yeast extract.....	10.0 g
Asparagine . H <sub>2</sub> O.....	2.0 g
(NH <sub>4</sub> ) <sub>2</sub> SO <sub>4</sub> .....	2.0 g
n-Butanol*.....	18.0 g
Distilled water to.....	1.0 L

Boil and cool medium in an atmosphere of 80% N<sub>2</sub>, 10% H<sub>2</sub>, 10% CO<sub>2</sub>.  
Dispense anaerobically into tubes flushed with the same gas mixture and  
plug immediately with butyl rubber stoppers. Autoclave at 121C for 15  
minutes.

\*Required for butanol-tolerant strains.