ATCC medium: 1925 Alkaline xylan medium

K_2HPO_4 .....1.0 g
NH_4NO_3 .....2.0 g
$MgSO_4$. $7H_2O$ .....0.2 g
$MnSO_4$. $7H_2O$ .....5.0 mg
$FeSO_4$. $7H_2O$ .....5.0 mg
$CaCl_2$. $2H_2O$ .....0.1 g
Yeast extract.....3.0 g
Polypeptone Peptone (BD 211910).....0.3 g
Xylan.....10.0 g
Resazurin.....1.0 mg
Titanium (III) citrate, neutralized (see below).....1.0 ml
Distilled water.....1.0 L

For liquid medium:
Add ingredients through resazurin one at a time to distilled water and mix well. Dispense medium anaerobically under a stream of 100% N_2 and autoclave at 121C for 15 minutes. Cool to room temperature and adjust to pH 10 with filter-sterilized 10% Na_2CO_3. Reduce medium prior to inoculation by adding 1.0 ml of neutralized titanium (III) citrate per liter of medium.
Titanium (III) citrate, neutralized:

$TiCl_2$ .....0.75 g
Trisodium citrate.....2.58 g
Distilled water to.....50.0 ml

Add titanium chloride and sodium citrate to approximately 30-ml distilled water. Neutralize solution to pH 7.0 with sodium carbonate. Bring final volume to 50-ml with additional distilled water.