

1 **Supplemental Table 1.** Composition of the phosphate-limited, minimal chemically defined medium used
2 in continuous culture
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Componenet	Quantity
1000X metals stock solution in 1L of sterile water	
Boric Acid	500 mg
Copper Sulfate	40 mg
Potassium Iodide	100 mg
Ferric Chloride	200 mg
Manganese Sulfate	400 mg
Sodium Molybdate	200 mg
Zinc Sulfate	400 mg
1000X vitamins stock solution in 1L of sterile water	
Biotin	2 mg
Calcium Pantothenate(B-5)	400 mg
Folic acid	2 mg
Inositol (myo-inositol)	2000 mg
Niacin (nicotinic acid)	400 mg
p-aminobenzoic acid	200 mg
Pyridoxine hydrochloric acid	400 mg
Riboflavin	200 mg
Thiamine	400 mg
10X salts stock solution in 2L of sterile water	
calcium chloride	20g
sodium chloride	20g
magnesium sulfate	100g
ammonium sulfate	1000g
potassium chloride	200g