

Modified A&M

Standard A&M liquid

| | |
|---------------------------------|------|
| Sucrose | 50 g |
| Ammonium sulfate | 3 g |
| Potassium phosphate (monobasic) | 10 g |
| Magnesium sulfate | 2 g |
| Anion Solution | 1 ml |
| Metal Mix | 1 ml |

Ammend with any amino acids needed

Adjust to 1L with dH2O

Adjust pH to 5.2 with 10M HCL and autoclave. The pH is around 4.3 without adjustment

Anion Solution (1000X)

| | |
|---------------------------|--------|
| Sodium borate, 10-hydrate | 0.70 g |
| Ammonium molybdate | 0.50 g |

Adjust to 1L with dH2O and autoclave

Metal Mix (1000X)

| | |
|-------------------|--------|
| EDTA | 151 g |
| Ferrous Sulfate | 7.0 g |
| Cupric sulfate | 0.30 g |
| Manganous sulfate | 0.11 g |
| Zinc sulfate | 17.7 g |

Adjust to 1L with dH2O and pH to 6.0 to dissolve EDTA, autoclave