**Experiment 1:** Reduced Media

1. 1.Chart provided below for ingredients and concentrations needed for P3%, PR1 3%, and PR2 3%.
2. Add 1L of water as well as the ingredients.
3. Autoclave for 35 min.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | MW (g/mol) | P3% (g/L) | PR1 3% (g/L) | PR2 3% (g/L) |
| NaCl | 58.44 | 30 | 30 | 30 |
| KNO3 | 101.1 | 1 |  |  |
| CaCL2 | 110.98 | 0.02 | 0.02 | 0.02 |
| Trace |  | 1ml | 1ml | 1ml |
| MgSO4\*7H20 | 120.36 | 0.2 | 0.2 |  |
| (NH4)2SO4 | 132.134 - | | 0.65 |  |
| MgCl2 | 246.5 | - | 0.4 | 0.4 |
| (NH4)Cl | 53.49 | - | - | 0.54 |
| Na2S\*9H20 | 78.05 | - | - | 0.4 |