10 % MH medium (for moderate halophiles)

Recipe taken from:

Ventosa *et al.,* (1982) Numerical Taxonomy of Moderately Halophilic Gram-negative Rods*. Journal of General Microbiology*, 128: 1959 – 1968

1. **Add the following according to final volume needed**

(for agar plates: 500 ml = 25 – 30 plates)

|  |  |  |
| --- | --- | --- |
| **Reagent** | **Final concentration**  **(%, w/v)** |  |
|  |  |  |
| NaCl | 8.1 |  |
| MgCl 2 | 0.7 |  |
| MgSO 4 | 0.96 |  |
| CaCl 2 | 0.036 |  |
| KCl (Potassium Chloride) | 0.2 |  |
| NaHCO 3  (sodium bicarb) | 0.006 |  |
| NaBr (sodium bromide) | 0.0026 |  |
| Proteose peptone (Difco) | 0.5 |  |
| Yeast extract (Difco) | 1.0 |  |
| Glucose | 0.1 |  |

1. **If making agar plates instead of liquid media, add 15g/L of agar.**
2. **Make up to 1000ml (or volume required) with dH2O**
3. **Correct to pH 7.2**
4. **Autoclave.**