

Thiamine Vitamin Solution Recipe

Directions

For 200 mL Total:

1. Prepare 200 mL of HEPES buffer (50 mM).
2. Adjust the pH to 7.8.
3. Add Thiamine (1 mM) wait until fully dissolved.
4. Sterilize by 0.45 μ m Millipore filter. Store in dark at freezer temperature.

** The amount of vitamins added can vary from medium to medium so the final concentration is not listed.

#	Component	Amount	Stock Solution Concentration	Final Concentration
1	HEPES buffer pH 7.8 (Sigma H-3375)	2.4 g/200 mL dH2O		
2	Thiamine (Sigma T-1270)	0.067 g/200 mL dH2O		