Creighton
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1,000x Ca^{++}/Mg^{++} Stock Solution for HBSS

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(100 ml at 1,000x)

Equipment:

Beaker
Stir plate & stir bar
Sterile 100ml bottle
0.2 µm Vacuum Filter

Reagents:

100	ml	Distilled Water
14	gm	Calcium Chloride, anhydrous ($CaCl_2$)
10	gm	Magnesium Chloride, hexahydrate ($MgCl_2 \cdot 6H_2O$)
10	gm	Magnesium Sulfate, heptahydrate ($MgSO_4 \cdot 7H_2O$)

Method:

1. Dissolve all solids in distilled water.
2. Sterile filter into glass container.

Use: Add 0.1 ml of stock for each 100ml of HBSS