

Nitrogen Rich Media Recipe
formulated for the extreme halophile Halomonas campisalis

Ingredients:

- 1.5g Miracle Grow®
- 1g yeast extract (available at natural food stores)
- 4g Borax (sodium borate)
- 10g table sugar
- 125g non-iodized or sea salt (12.5%)
- 900mL purified H₂O
- Adjust pH to 9 with NaOH
- 15g MoorAgar Inc. Gelidium agar
- Purified H₂O - Bring the volume up to 1L

*** Important Note: Nutritional yeast is different from, and cannot substitute for, yeast extract*

Materials/Equipment/Supplies:

- Erlenmeyer Flask, Beaker, Glass container that will hold at least twice the volume of your media
- Graduated Cylinder for measuring water
- Hot Plate, Stove top, Microwave...
- Foil for covering your media, Plastic wrap if using a microwave
- Sterile Petri Dishes (plastic or glass)*
- Heat Resistant Hand Protection
- 10% Bleach or wipes for cleaning work area
- Optional: Glass rod for stirring hot liquid
- Scale for weighing solid ingredients
- Tools for handling solid ingredients - spoons, scoops, weigh boats, etc.

** Note: keep sterile petri dishes closed until ready to pour the agar into them*

Procedure/Storage:

1. See LB Broth recipe.