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**BYOC** 

Bjorn Bartholdy

Mineralising solution for the oral biofilm. From Sissons et al. 1991.

Bjorn Bartholdy, a.g.henry 2021. CPMU. **protocols.io** https://protocols.io/view/cpmu-bv8pn9vn

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In steps of

Biofilm growth with starch treatment Biofilm growth with starch treatment Biofilm growth with starch treatment Biofilm growth with starch treatment

## Chemicals

 $dH_2O$ 

CaCl<sub>2</sub>

NaH<sub>2</sub>PO<sub>4</sub>

MgCl

Urea

## **Equipment**

1000 mL beaker

Positive flow fumehood (or other starch-free environment)



This solution MUST be prepared in a sterile and starch-free environment.

- 1 Add 300 mL distilled (or deionized) dH<sub>2</sub>O to a 1000 mL beaker, with stirring and heat 8 60 °C
- 2 Add:

  - **□1.44 g ⊠** Sodium Phosphate monobasic **Contributed by users** 
    - ⊠Sodium Fluorophosphate Sigma -
  - **■0.72** g Aldrich Catalog #344443
    - Magnesium Chloride Fisher
  - 0.08 g Scientific Catalog #AC223210010
  - **30 g** ⊠Urea **P212121**
- 3 Add the remaining **□700 mL** and keep stirring until precipitate has completely dissolved Store in fridge at **§ 4 °C**