



VERSION 2  
DEC 09, 2022

WORKS FOR ME

1

CPMU V.2

In 1 collection

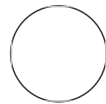
DOI

[dx.doi.org/10.17504/protocols.io.n92ld96dng5b/v2](https://dx.doi.org/10.17504/protocols.io.n92ld96dng5b/v2)

Bjorn Bartholdy<sup>1</sup>, a.g.henry<sup>1</sup>

<sup>1</sup>Leiden University

BYOC



Bjorn Bartholdy

COMMENTS 0

## ABSTRACT

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

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## PROTOCOL CITATION

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## COLLECTIONS ⓘ



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Dec 10, 2021

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55835

PARENT PROTOCOLS

In steps of

[Biofilm growth with starch treatment](#)

Part of collection

[Build your own calculus](#)

MATERIALS TEXT

### Chemicals

dH<sub>2</sub>O

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)



### BEFORE STARTING

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  60 °C

- 2 Add:

-  1.55 g  Calcium Chloride **Contributed by users**
-  1.44 g  Sodium Phosphate monobasic **Contributed by users**
-  0.72 g  Sodium Fluorophosphate **Sigma – Aldrich Catalog #344443**
-  0.08 g  Magnesium Chloride **Fisher 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

#### Note