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🌐 CPMU V.1

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protocol .

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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

dH₂OCaCl₂NaH₂PO₄

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 **mL** distilled (or deionized) dH₂O to a **mL** beaker, with stirring and heat at **60 °C**
- 2 Add:
 - **g**
 - **g**
 -
 - **g**
 - **g**
 - **g**
- 3 Add the remaining **mL** and keep stirring until precipitate has completely dissolved
Store in fridge at **4 °C**