

00_09 Sterile Filter a Solution

MITTWOCH, 11.8.2021

Goal-Setting

- Sterile filter a solution

Terms / abbreviations

- None

Risk areas

- Wear safety goggles! Filter can come off and solution splash everywhere

Required materials and / or information

- Materials:
 - Sterile 0.22 μ M filter, Pall
 - Sterile syringe in desired volume, B. Bent

Templates, devices, software

- None

Preliminary work

- [00_06 Preparation of an Ampicillin Stock](#)
- [00_08 Preparation of S.O.C. Medium](#)

Operation

- Work under the cleanbench!
1. Draw up the solution with the syringe
 2. Screw the filter onto the syringe and squeeze the solution into the sterile desired container
- Repeat the steps, if the syringe is not big enough for the whole solution:
 - Unscrew the filter, place it back into the wrapping
 - Draw up another portion of the solution
 - Screw the filter back on
 - Repeat until the whole solution is filtered

Disposal

- Dispose the syringe and filter into S1 waste

Troubleshooting

- None

Follow-up work

- None