

# Desiccator

*Exsikkator*

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## Desiccator

The desiccator is used to dry products or protect hygroscopic chemicals from humidity. The desiccator is made of heavy glass, which allows to apply vacuum.

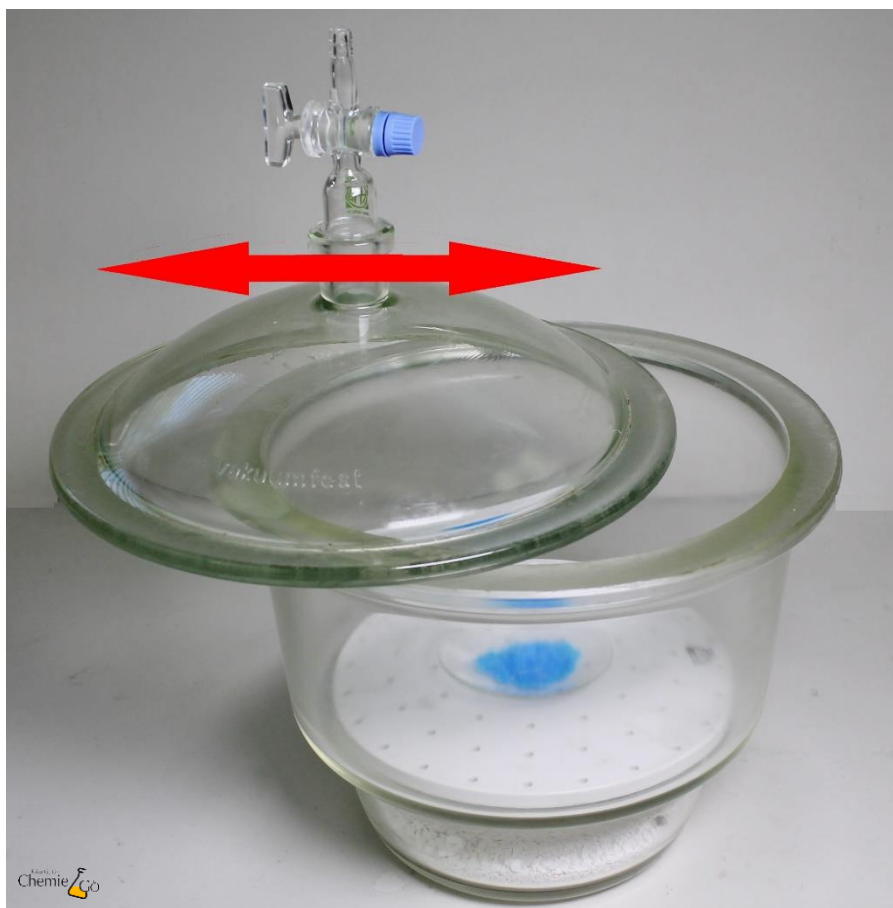
The use of a desiccant supports the drying process. Common desiccants are calcium chloride, silica gel or phosphorus pentoxide.



The desiccant is stored in the reservoir below the sievelike platform.



The sample is stored on a watch glass or petri dish, sealed with punctured aluminum foil and placed on the platform.



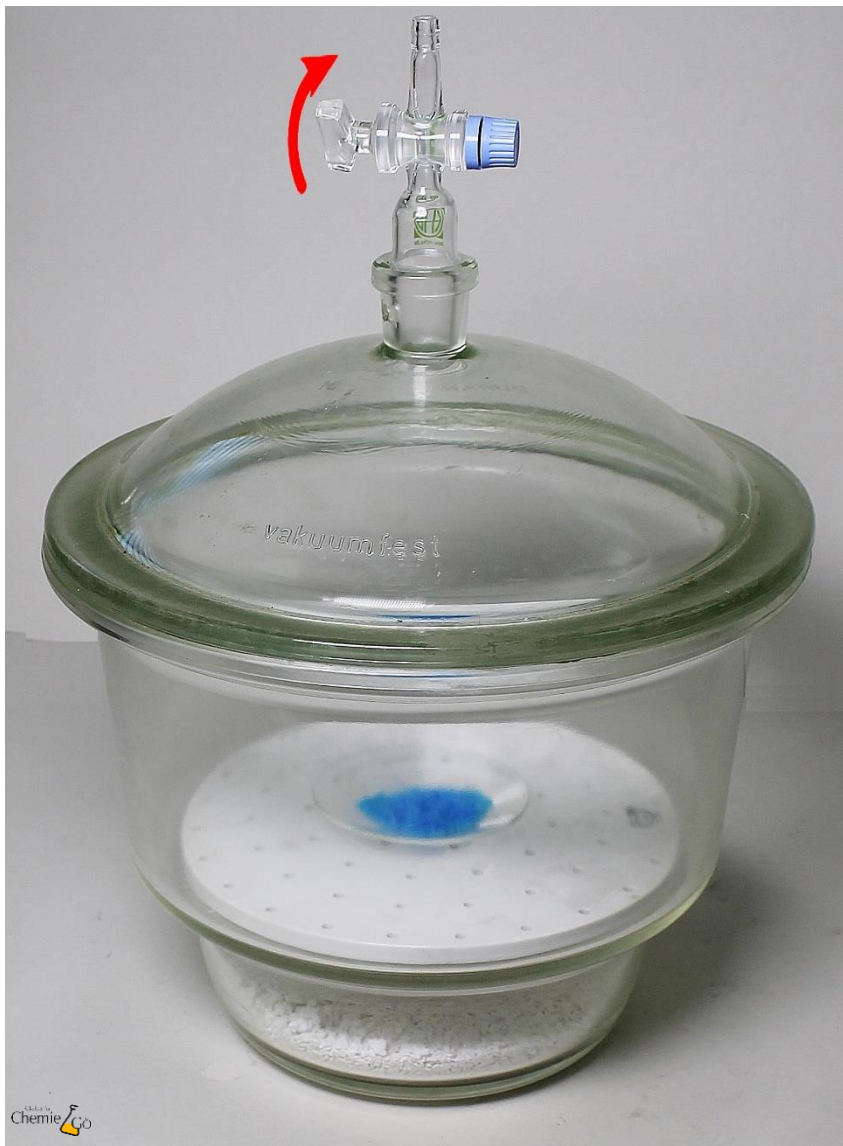
In order to prevent damage the lid should be carefully slid on and off the base. To maintain a good seal, vacuum grease needs to be applied to the flanges.



To evacuate the desiccator a hose of a vacuum pump is applied to the stopcock. The hose does not need to be fixed with a clamp. The stopcock is opened.



After applying the vacuum the Stopcock is closed and the hose can be disconnected.



To take out the dried sample, the desiccator needs to be vented very carefully. The stopcock is to be opened slowly.