

General information about cleaning NMR tubes (Stand 11/2018)

After filling the NMR tube, wipe it clean with KimWipe and solvent (we suggest ethanol). You should rub the tube with the cloth, moving it up and down while you are rotating it. Do this for at least 15 seconds. Afterwards place it in front of a dark/obscure background. There must be no residuals on the tube.

After pushing the tube into the spinner, check it again. Hold it in front of a black background while slowly rotating it (you can use the black blanket). Only once you are sure that the tube is clean, you can put it into automation.

Here are two examples of tubes actually measured on our instruments

clean



dirty



Left: Clean tube.

Right: Dirty stuff on the tube → banned for open access