

NMR measurements at 600MHz:

Requirements:

- Tubes have to be clean outside (if not, this will cause a penalty of “2 weeks no NMR service”)
- broken (shortend) nmr tubes are not allowed

We ran your spectra on 600MHz spectrometer only, if:

- compounds are pure (checked by 500MHz-NMR, not TLC)!
- a copy of the 500MHz ¹H-NMR spectrum is attached to this order form (500MHz spectrum not older than 2 weeks!!!)
- the sample is a solution not a suspension
- solvent mixtures only if with main solvent > 80%,
- sample amount and molecular mass, number of carbon signals (for carbon spectra) are given
- Preferred nmr tubes are 3mm tubes
- Optimum filling volumes are:
 - 3 mm tubes: 120-150 µl (filling height 3-4cm)
 - 2 mm capillaries: 50 µl
 - 1.7mm capillaries: 35 µl