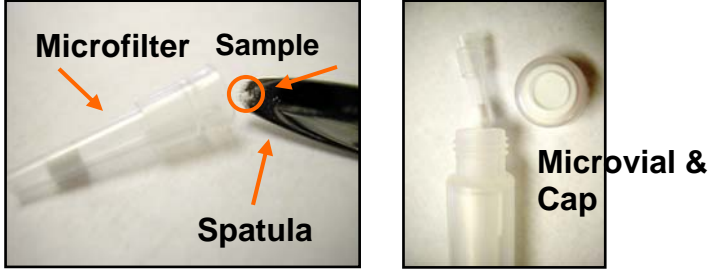


# One-Minute NMR Technical Bulletin: How To Prep Samples Using Microvial Filtration


This Bulletin describes how to rapidly prepare and filter samples for One-Minute NMR which originate as powder. A companion Technical Bulletin (Sample Filtration for Microvials) describes the set-up more thoroughly. Both bulletins are available from the Knowledge Base of the Protasis Technical Support website at [www.microNMR.com](http://www.microNMR.com)

**1** Place about 100  $\mu\text{g}$  of sample powder into the microfilter




**2** Add 20  $\mu\text{L}$  of deuterated solvent to the powder above the microfilter

- Screw cap on vial tightly
- Allow about a minute for sample dissolution





**3** Centrifuge for about a minute

- Remove vial from centrifuge
- Maintain vial in an upright position



**4** *Remove and Dispose of the Microfilter*

- Reseal the vial cap tightly

**5** Place the vial in the One-Minute NMR vial tray for NMR analysis!

