Durham Solid-state NMR Service

Results Summary

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Project number: 2649

12/03/2024

Spectrometer used: Varian VNMRS

Samples: Run as-received

Type of measurement:

Cross polarisation (CP)

Direct excitation (DE)

Chemical shift reference:

Silicon, neat tetramethylsilane

The silicon-29 magic-angle spinning measurement was carried out at 79.49 MHz using a Varian VNMRS spectrometer and 6 mm (rotor o.d.) probe. The spectrum was acquired at a spin rate of 6 kHz using cross-polarisation (CP) with a 7 ms contact time and a recycle delay of 1 s. The HPDEC spectra were acquired using a 240 s recycle delay. Silicon spectral referencing is relative to neat tetramethylsilane, carried out by setting the high-frequency signal from an external sample of tetrakis(trimethylsilyl)silane to –9.9 ppm.

Any questions just ask.

If you have any questions about these spectra please do not hesitate to ask:
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