

Supporting Information for

Location of Ge and extra-framework species in the zeolite

ITQ-24

A. B. Pinar^{a*}, L. B. McCusker^a, C. Baerlocher^a, J. Schmidt^b, S. J. Hwang^b, M. E. Davis^b
and S. I. Zones^c

Table 1S. Deconvolution of the ^{19}F MAS NMR spectrum of as-made Ge-ITQ-24.

Chem. Shift (ppm)	Line width (Hz)	CSA *(ppm)	η_{CSA} *	Rel. Intensity ratio
-10.15	2820.0	50	0.5	44.52
-20.90	1640.3	55	0.5	10.96
-51.00	2820.0	60	1.0	16.88
-85.60	3760.0	50	1.0	7.74
-116.51	846.0			4.87
-120.24	855.4			10.31
-126.25	846.0			4.72

*Note: The CSA and η values extracted from the spectral fit contain sizeable error because of the poor quality of the spectrum and some background signal, so they should be interpreted with caution.

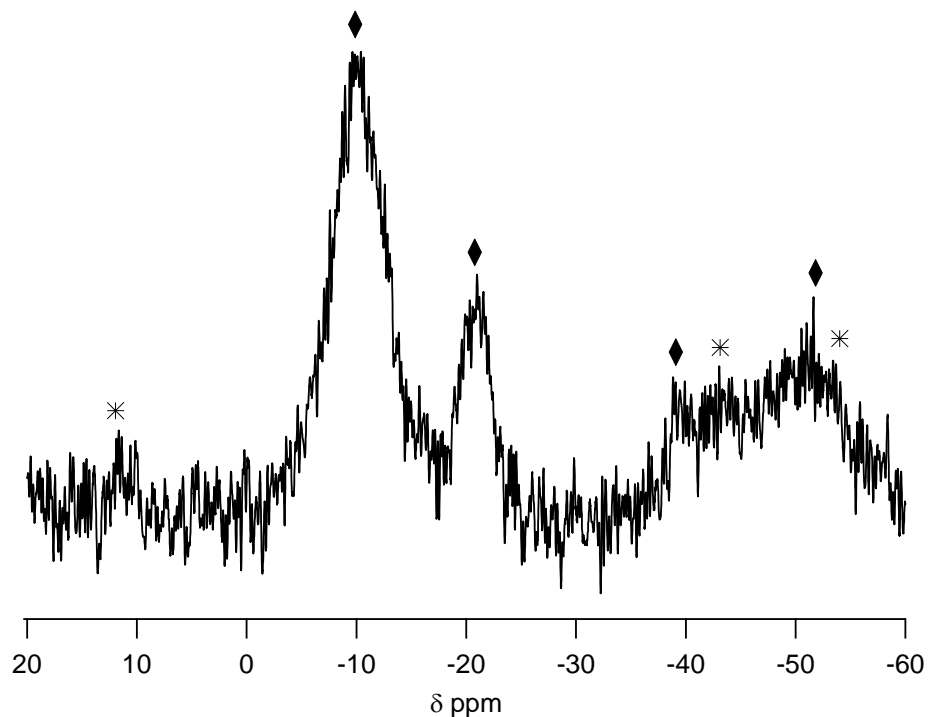


Figure 1S. ^{19}F MAS NMR (15 kHz) spectrum of as-made Ge-ITQ-24. Diamonds denote resonances and * denote spinning side bands (identified by spinning at both 15 and 13 kHz).

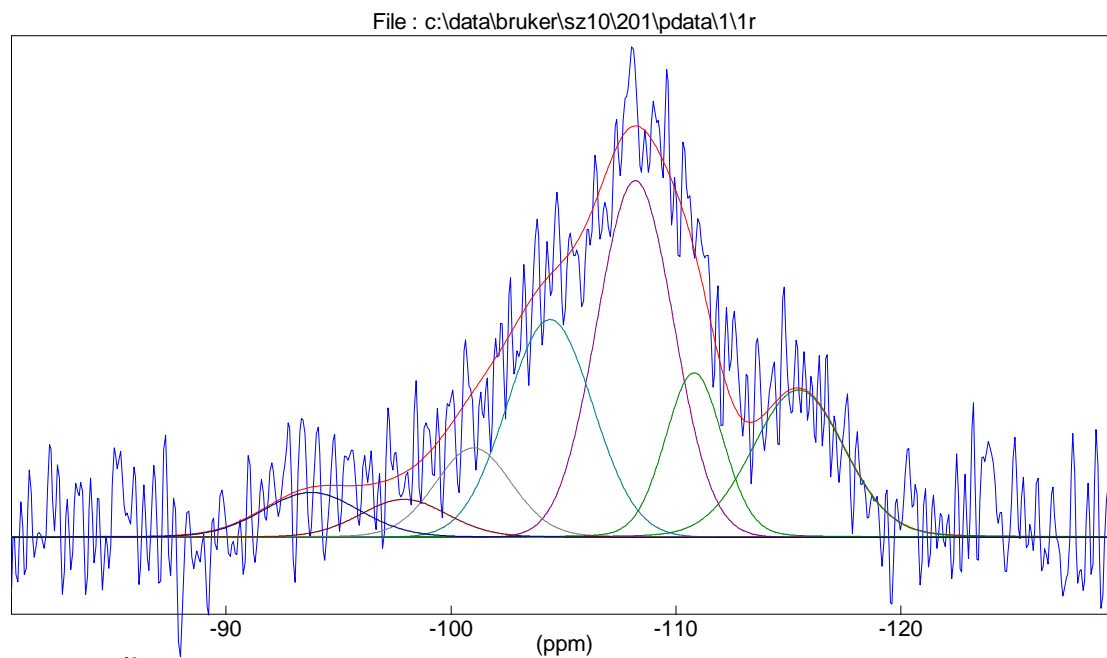


Figure 2S. ^{29}Si NMR spectrum of as-made Ge-ITQ-24.