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Supporting information for article:

Spectroscopic evaluation of U^{VI}–cement mineral interactions: ettringite and hydrotalcite

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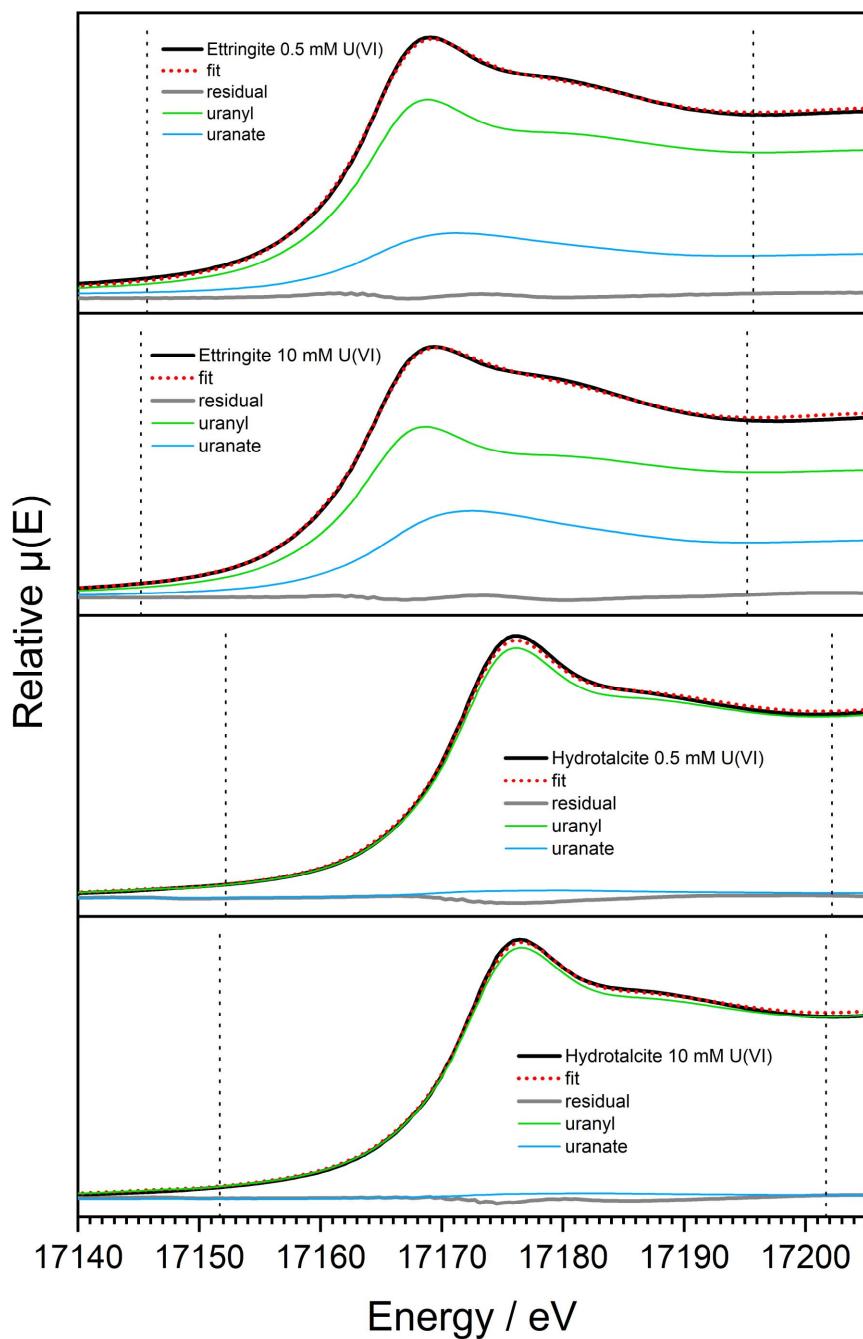


Figure SI1: Graphical fits of linear combination analysis for U(VI)-contacted ettringite and hydrotalcite phases. Dashed black lines indicate the fitted regions.

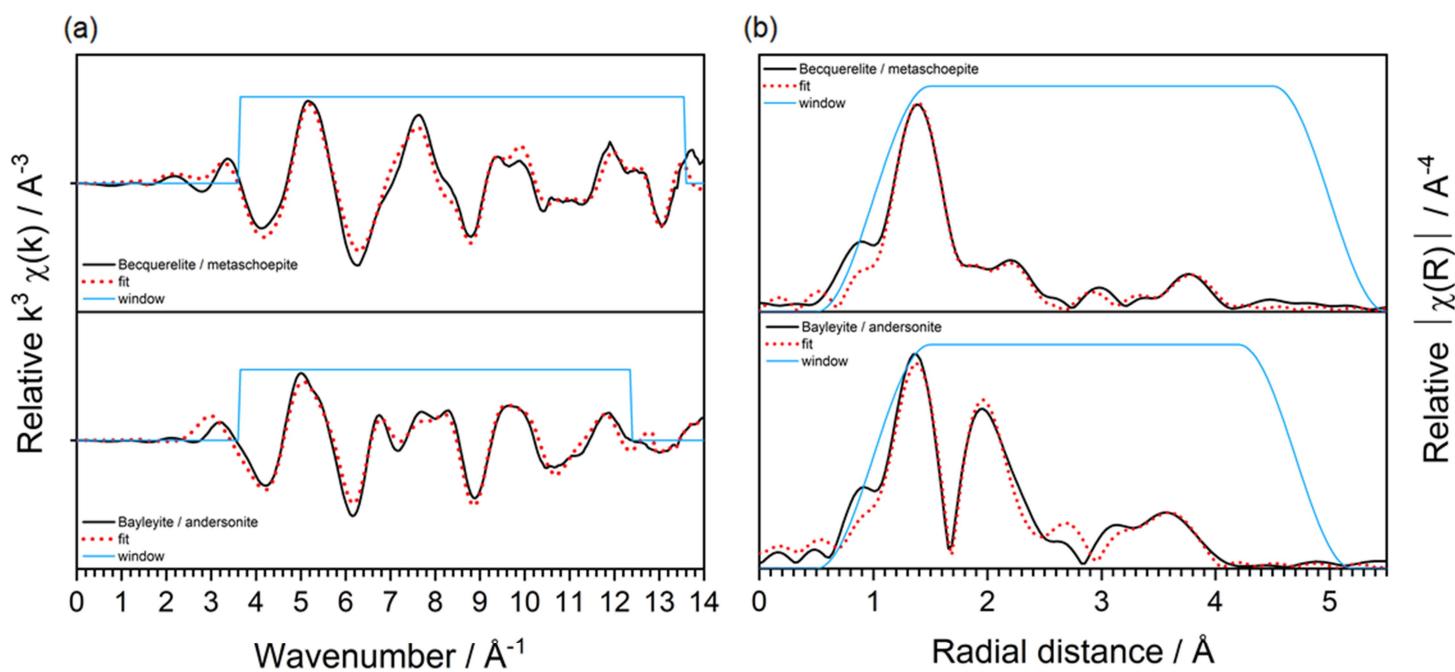


Figure SI2: Local coordination analysis of U(VI) in becquerelite / metaschoepite and bayleyite / andersonite. **(a)** k^3 -weighted spectra and model fits (dashed red lines); and **(b)** corresponding Fourier transformed radial plots and fits.