## **Supplementary Data for:**

## Zirconolite glass-ceramics for the immobilisation of chlorine contaminated plutonium residues.

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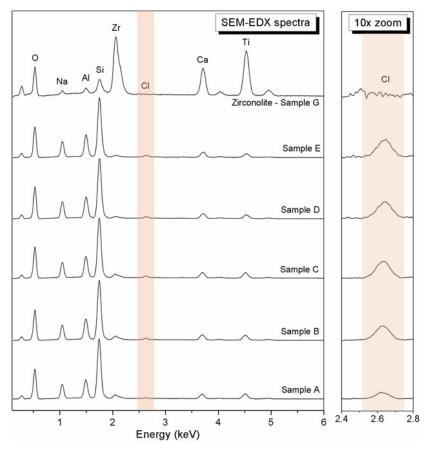


Figure S1: EDX spectra of the glass phase confirming retention and incorporation of Cl and absence of Cl in zirconolite phase.

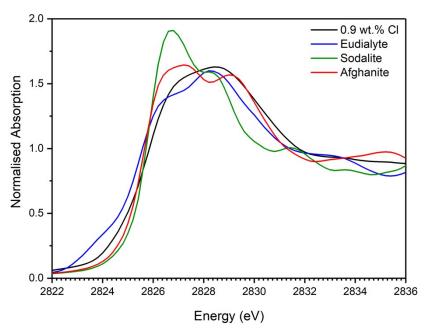


Figure S2: Comparison of CI K-edge XANES data for glass-ceramic composition C (0.9 wt. % CI) compared with the XANES data for aluminosilicate reference compounds eudialyte, sodalite and afghanite.