

Supplementary Information

Gadolinium-loaded LTL nanosized zeolite for efficient oxygen delivery and
magnetic resonance imaging

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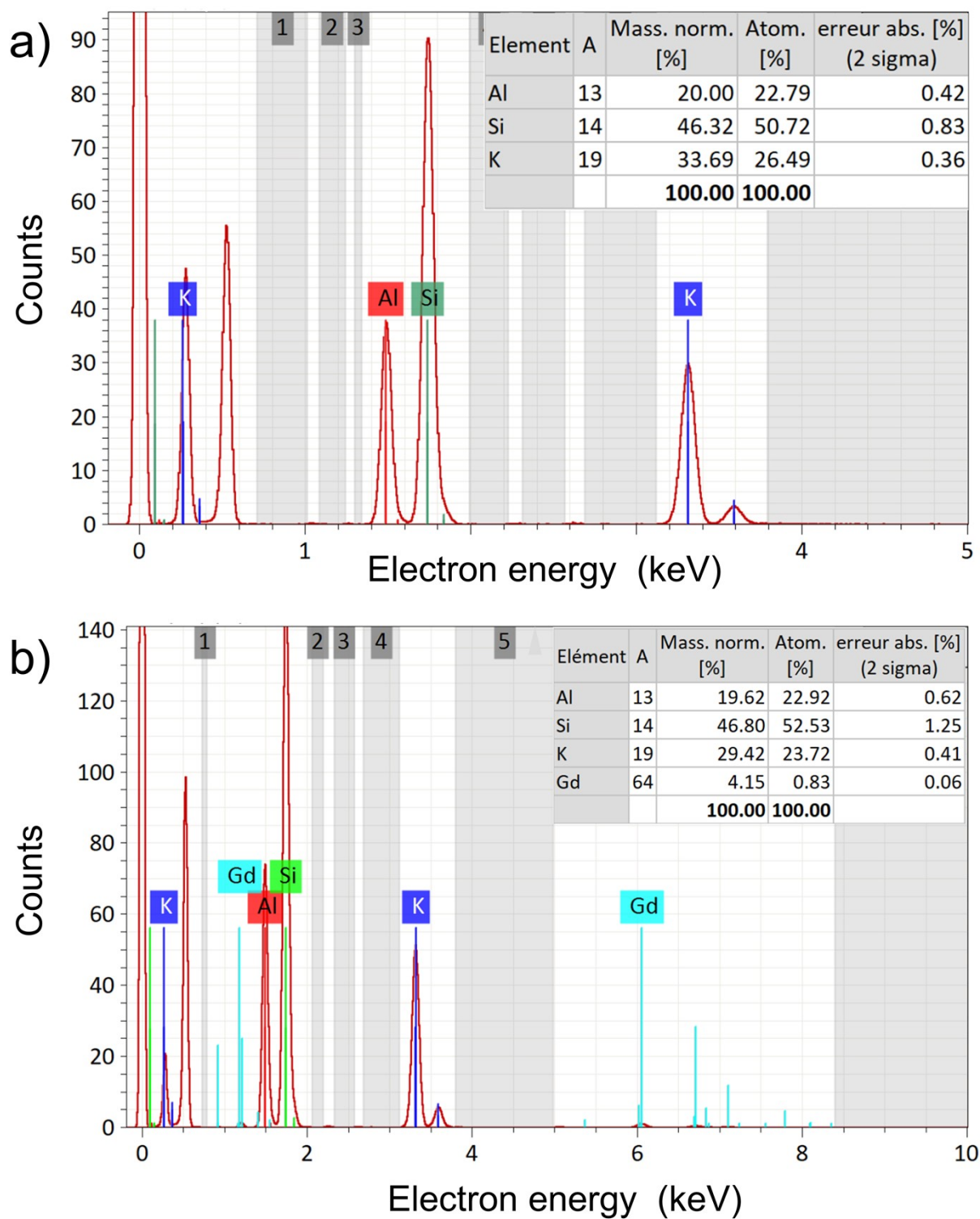


Figure S1. EDX spectra of a) K-LTL and b) Gd-LTL nanosized zeolites

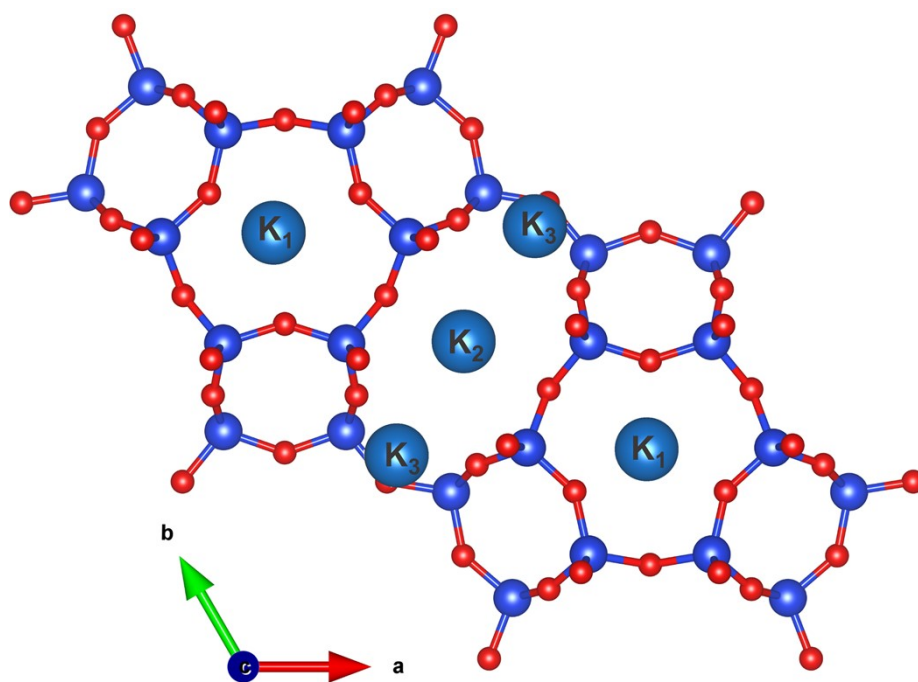


Figure S2. Schematic representation of the LTL framework and the occupancy sites for potassium extra-framework cations (blue spheres)

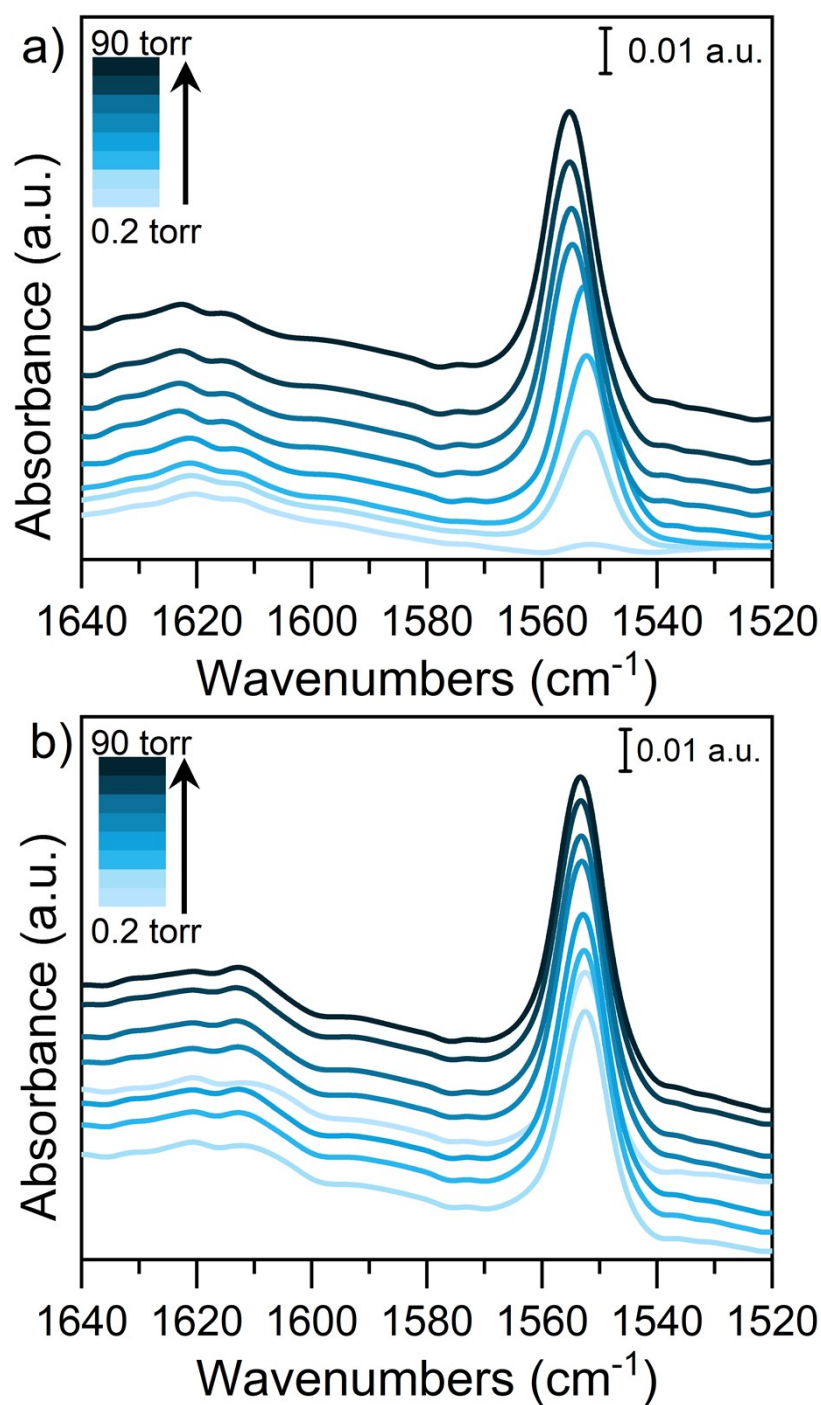


Figure S3. FTIR spectra of a) K-LTL and b) Gd-LTL nanosized zeolites under adsorption of O_2 under various pressures at $-196\text{ }^{\circ}\text{C}$