Supporting Information

EXAFS analysis of arsenite and arsenate adsorption on maghemite

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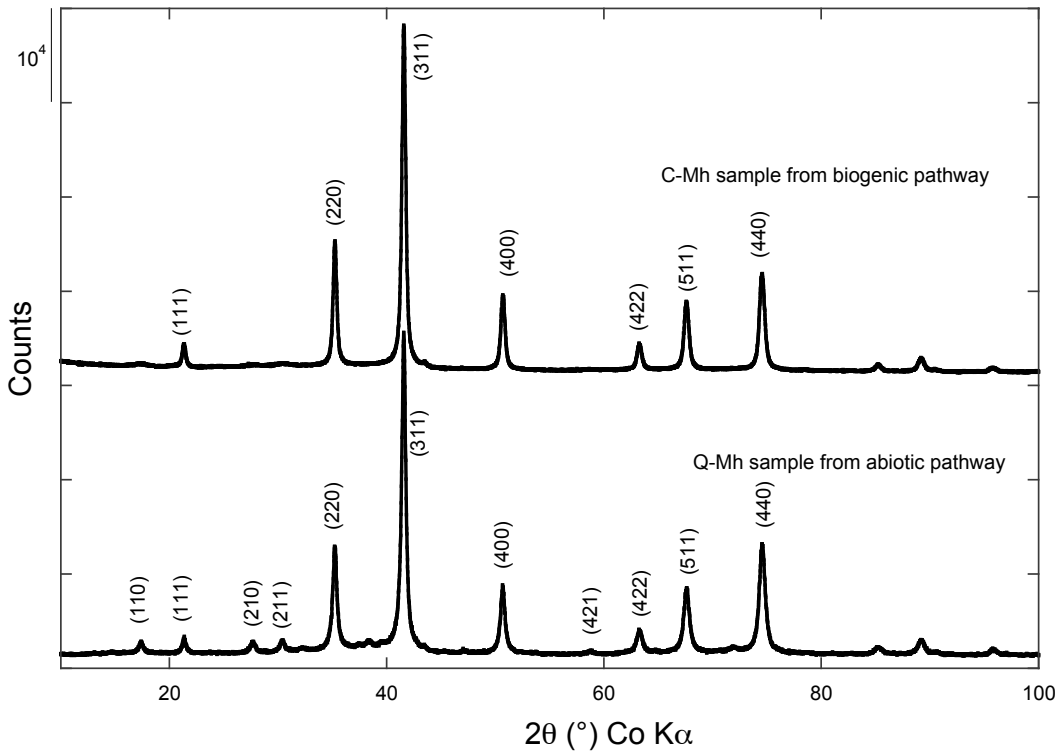

Figure S.I. 1. X-ray powder diffraction patterns of the two maghemite samples used as sorbents. Detailed analysis of satellites lines in the low angle region of the XRD powder patterns indicated that the Alfa Aesar™ maghemite originating from abiotic pathway (Q-Mh sample) displays vacancy ordering and is thus of the quadratic type (*12*).