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MECHANISMS OF TRIPOLYPHOSPHATE ADSORPTION AND HYDROLYSIS ON GOETHITE

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ABBREVIATIONS

ATR-FTIR	Attenuated total reflectance Fourier transform infrared
BET	Brunauer-Emmett-Teller theory
CLS	Canadian Light Source Synchrotron
Ortho-P	Orthophosphate
Poly-P	Polyphosphate
Pyro-P	Pyrophosphate
PZC	Point of zero charge
TEM	Transmission electron microscopy
TPP	Tripolyphosphate
XAS	X-ray absorption spectroscopy
XANES	X-ray absorption near edge structure
XRD	X-ray diffraction

Keywords:

ATR-FTIR Spectroscopy, Tripolyphosphate hydrolysis, Phosphorus XANES, Tripolyphosphate adsorption, Hydrolysis rates

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