

Supplementary material

Doped Ti-pillared clays as effective adsorbents – Application to methylene blue and trimethoprim removal

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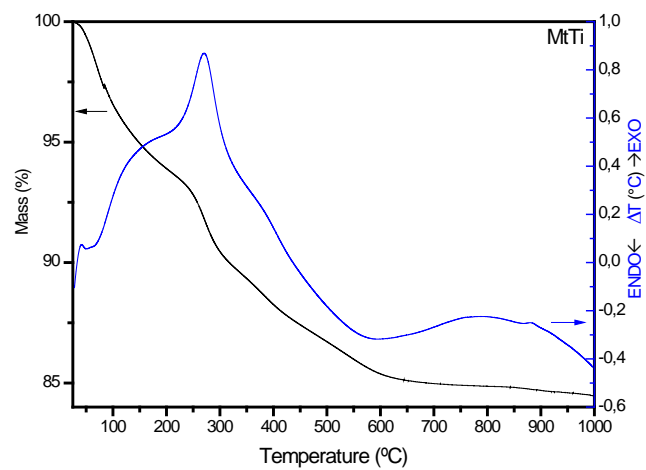


Fig. S1. Thermal curves (TG and DTA) of MtTi solid.

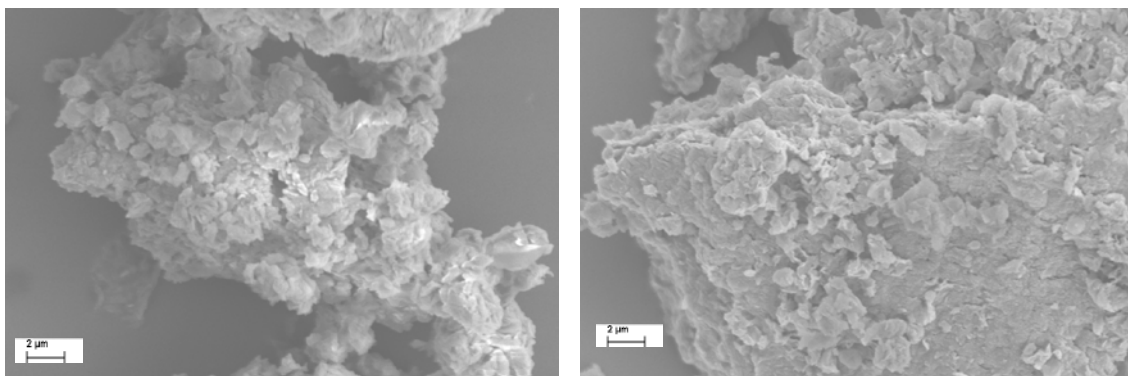


Fig. S2. SEM micrographs of MtTi (left) and MtTiIn10 (right).

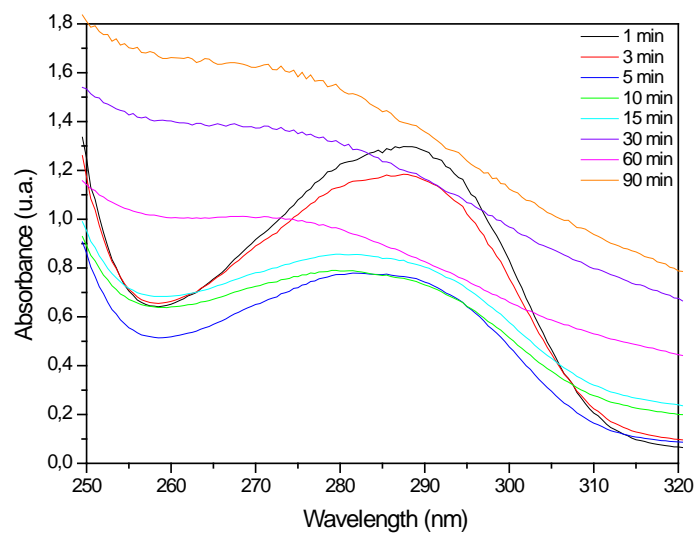


Fig. S3. UV spectra of MtTiCr solid.

Table S1. Band gap values (eV) for intercalated and calcined samples

	Band gap energy (eV)	
	Intercalated	Pillared 500 °C
TiO ₂ (rutile)	3.05	-
TiO ₂ (anatase)	3.20	-
MtTi	-	3.03
MtTiCu5	3.16	-
MtTiCu10	2.97	2.71
MtTiCr5	2.99	-
MtTiCr10	2.97	2.62
MtTiIn5	3.16	-
MtTiIn10	3.16	3.04