

Table S1

Physical properties of the adsorbents

Adsorbents	S_{BET} (m ² /g)	Pore Size (nm)	Pore Volume (cm ³ /g)	Zeta potential
LMO	23.72	14.94	0.097	5.9
CLMO	28.29	19.57	0.118	5.6
CaO-LMO	13.67	28.69	0.096	5.4