

## Sorption Profile of Low Specific Activity $^{99}\text{Mo}$ on Nanoceria-Based Sorbents for the development of $^{99\text{m}}\text{Tc}$ Generators: Kinetics, Equilibrium, and Thermodynamic Studies

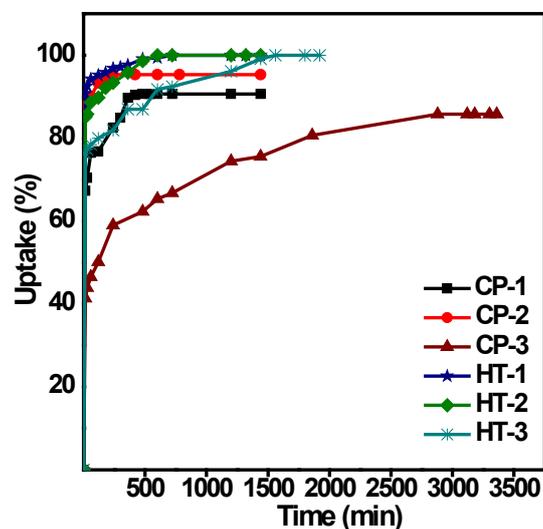
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**Figure S1.** Effect of contact time on Mo uptake on synthesized  $\text{CeO}_2$  NPs ( $C_0 = 50 \text{ mg.L}^{-1}$ ,  $\text{pH} = 3$ ,  $V/m = 100 \text{ mL.g}^{-1}$ , and  $\text{temp} = 25 \pm 1 \text{ }^\circ\text{C}$ ).