

Supplementary Material

Development of titanium doped hydroxyapatite for efficient removal of radioactive strontium from contaminated water

Syeda Zil-e-Huma Ejaz^{1,2a}, Sajid Iqbal^{1a*}, Shabnam Shahida², Syed Muhammad Husnain¹,
Muhammad Saifullah¹

¹Chemistry Division, Pakistan Institute of Nuclear Science and Technology (PINSTECH), P.O. Nilore, Islamabad, Pakistan

²Department of Chemistry, University of Poonch, Rawalakot, Azad Jammu and Kashmir, Pakistan

*Corresponding Author: sajid1@alumni.kaist.ac.kr

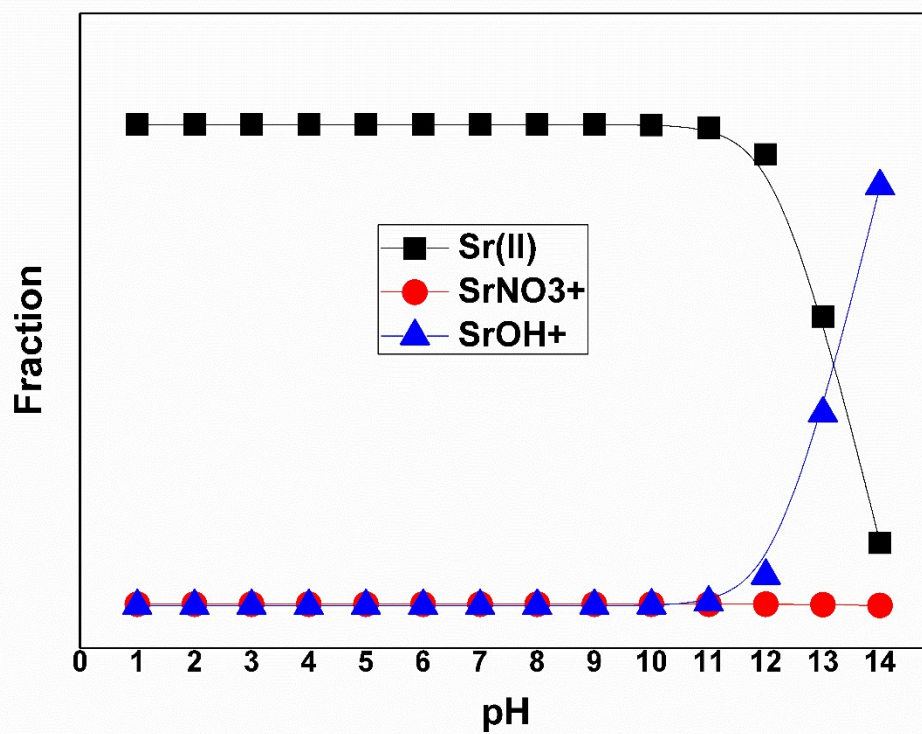


Figure S1: Speciation diagrams for the $\text{Sr}(\text{NO}_3)_2 \cdot 4\text{H}_2\text{O}$ in aqueous media against pH calculated by chemical speciation modeling software (MINTEQA 3.1) at the Sr concentration of 50 mg/L in the deionized water matrix