

## Supplementary data

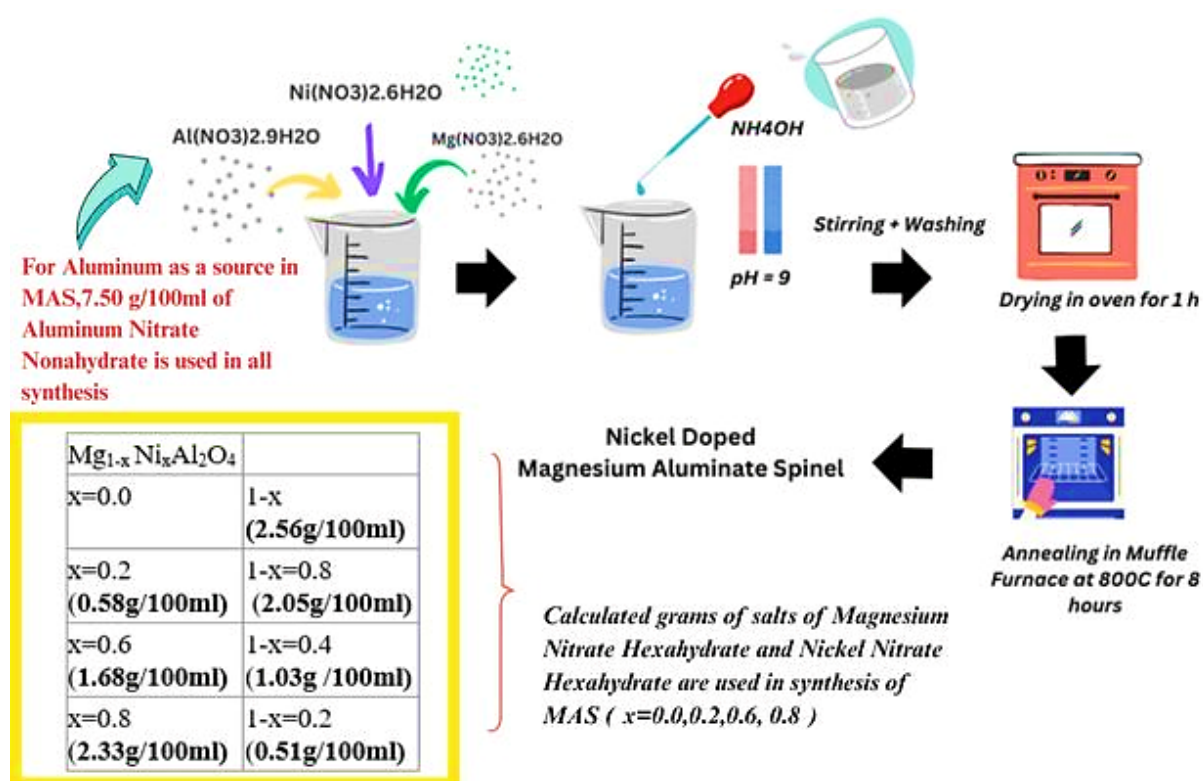


Figure S1: Scheme for synthesis of  $\text{Mg}_{1-x}\text{Ni}_x\text{Al}_2\text{O}_4$  ( $x=0.0, 0.2, 0.6, 0.8$ )