

Supplementary Information

Microwave Assisted Ultra-Fast Method to Synthesize Carbonate-Phosphates, $\text{Na}_3\text{MCO}_3\text{PO}_4$ (M = Mn, Fe, Co, Ni) - Relevant Materials Applied in Sodium-Ion Batteries

Demétrio A. S. Costa,^{id a,b} Lorena A. C. Costa,^a João O. Mendes,^a Wagner N. Mussel,^a José D. Ardisson^c and Luciano A. Montoro^{*,a}

^aDepartamento de Química, Instituto de Ciências Exatas, Universidade Federal de Minas Gerais, 31270-901 Belo Horizonte-MG, Brazil

^bColégio Técnico (COLTEC), Universidade Federal de Minas Gerais, 31270-901 Belo Horizonte-MG, Brazil

^cCentro de Desenvolvimento da Tecnologia Nuclear, 31270-901 Belo Horizonte-MG, Brazil

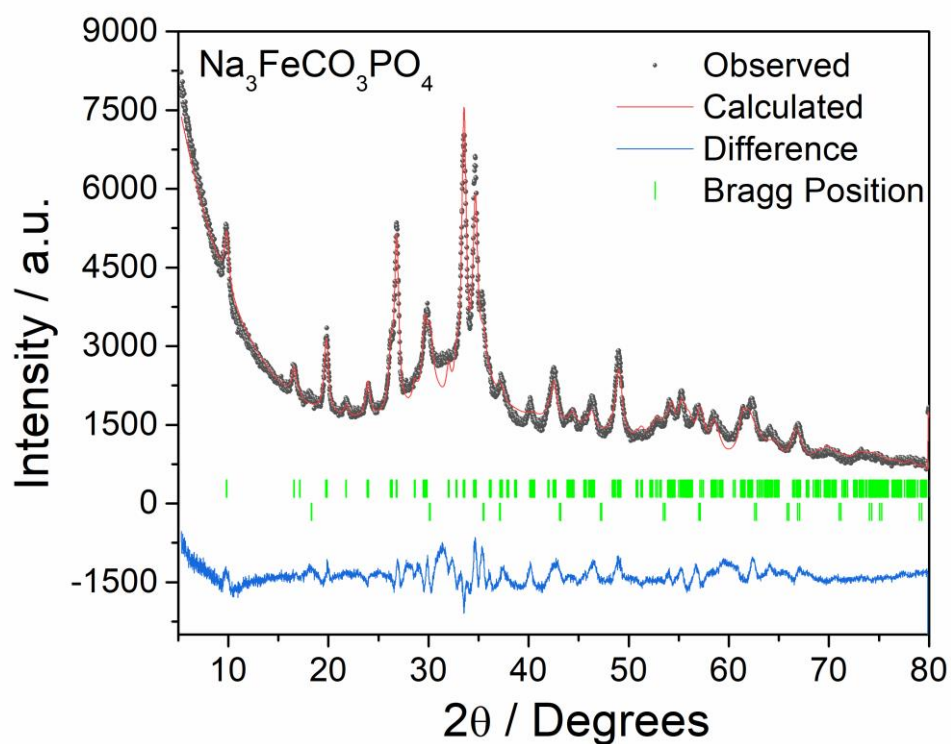


Figure S1. XRD patterns and refinements of $\text{Na}_3\text{FeCO}_3\text{PO}_4$.

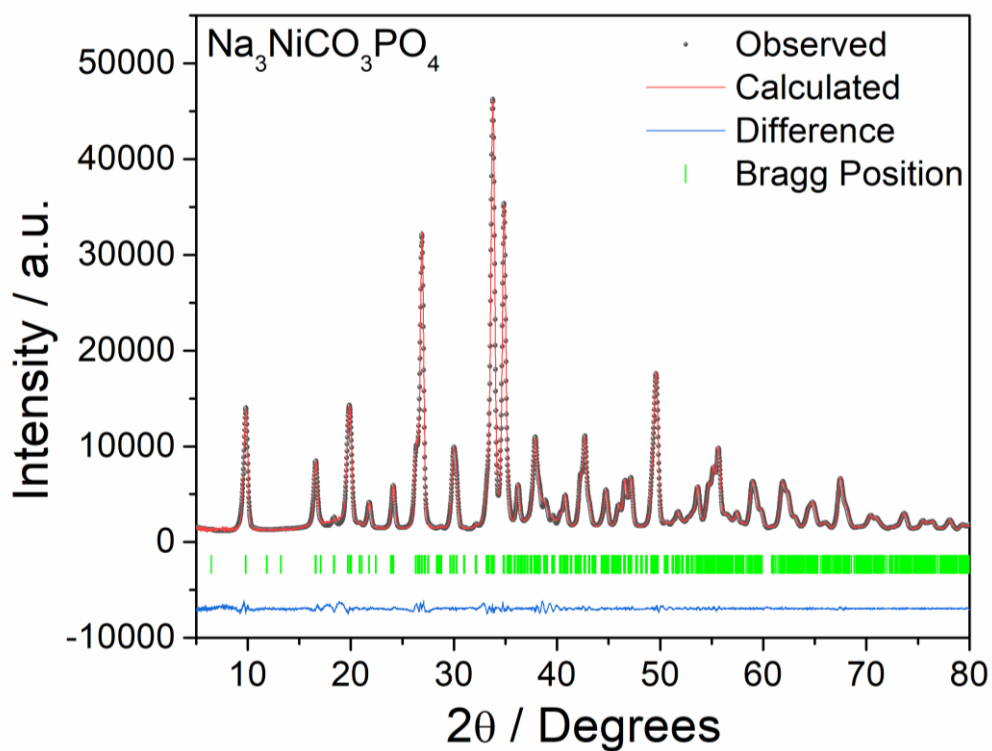


Figure S2. XRD patterns and refinements of $\text{Na}_3\text{NiCO}_3\text{PO}_4$.

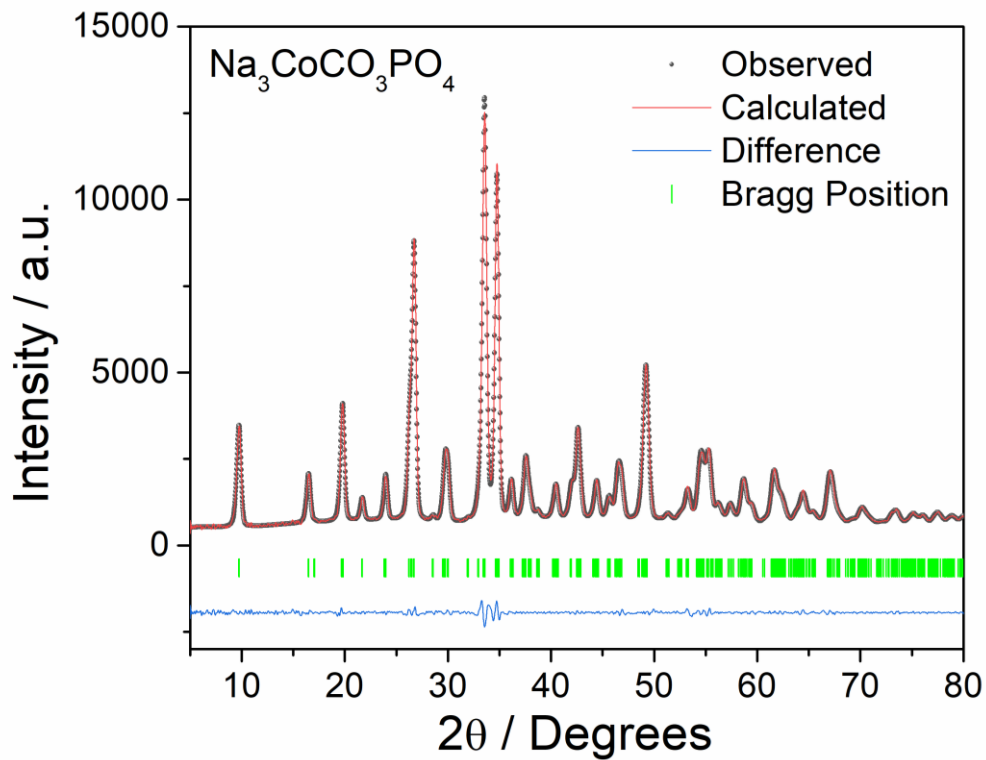


Figure S3. XRD patterns and refinements of $\text{Na}_3\text{CoCO}_3\text{PO}_4$.