Supplementary Information

Single Step Synthesis of Magnesium Doped Lithium Manganese Oxide Ionsieve Nanomaterial and SPES/Ionsieve Composite Membrane for the Separation of Lithium

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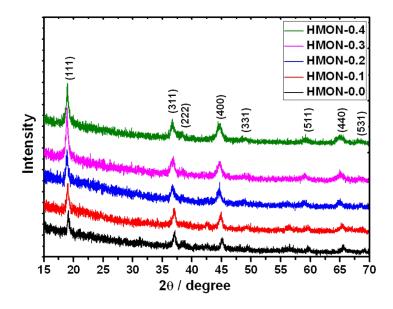


Figure S1. Powder XRD of Protonated Samples

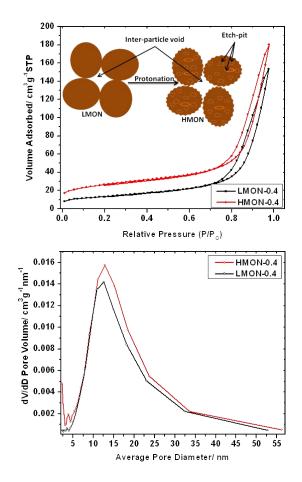


Figure S2. $N_{\rm 2}$ adsorption-desorption BET isotherms and BJH pore size distribution

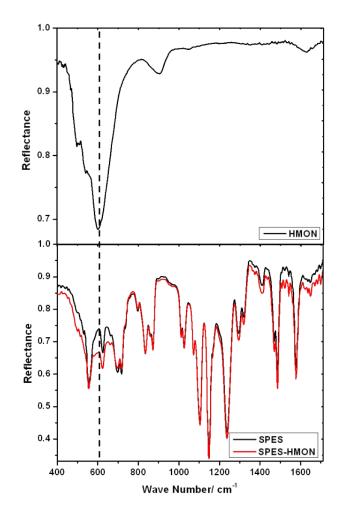


Figure S3. FTIR spectra of SPES and SPES-HMON membranes

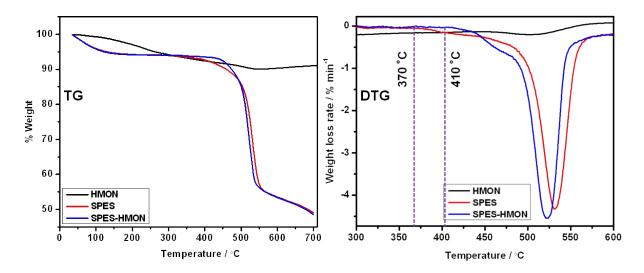


Figure S4. TG and DTG results of HMON, SPES and SPES-HMON composite membranes