

Supporting Information

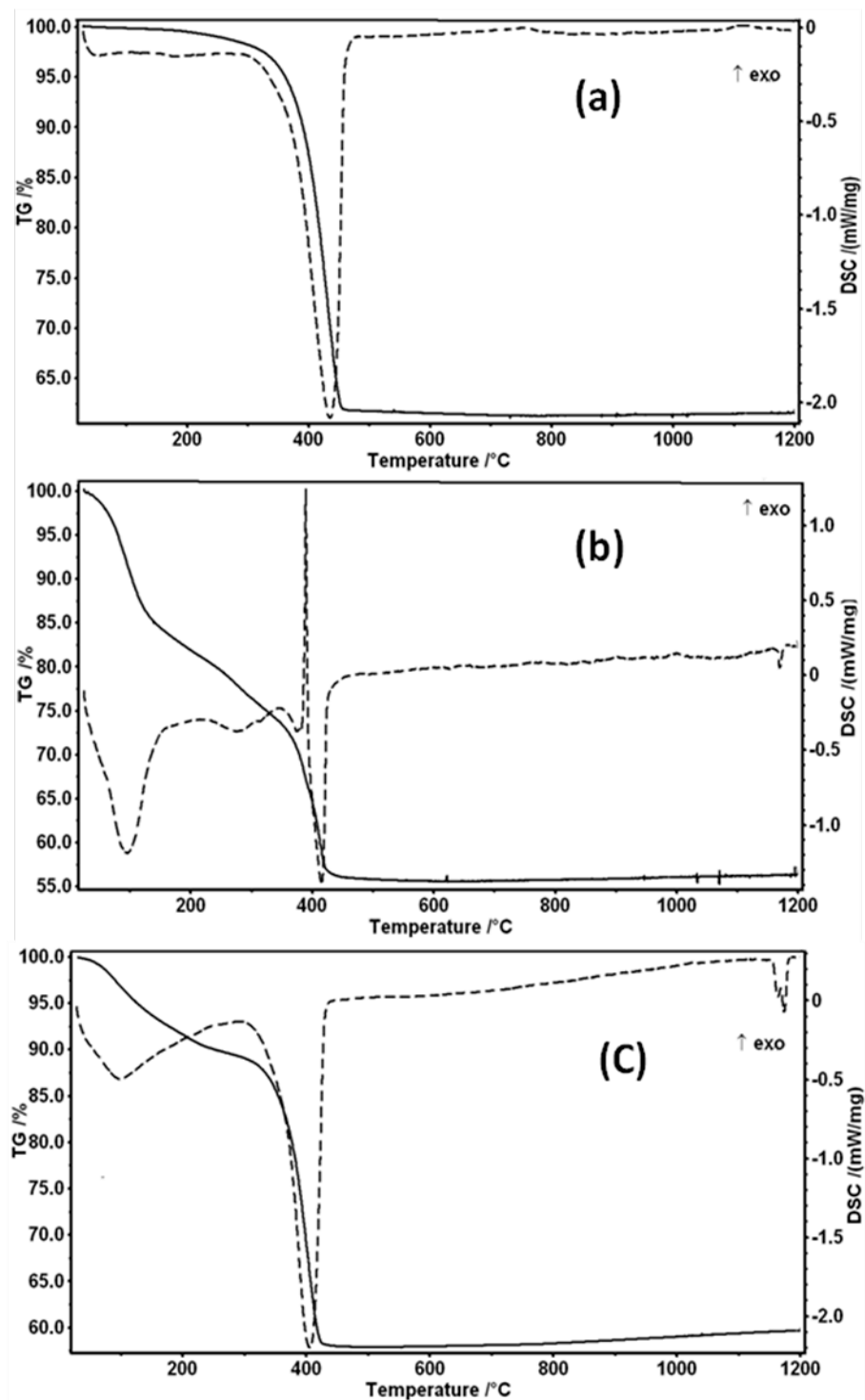


Figure SI-1. TG-DSC profiles of (a) bulk manganese carbonate, (b) amorphous manganese carbonate (AMnC) and (c) nanophase manganese carbonate (NMnC) samples.

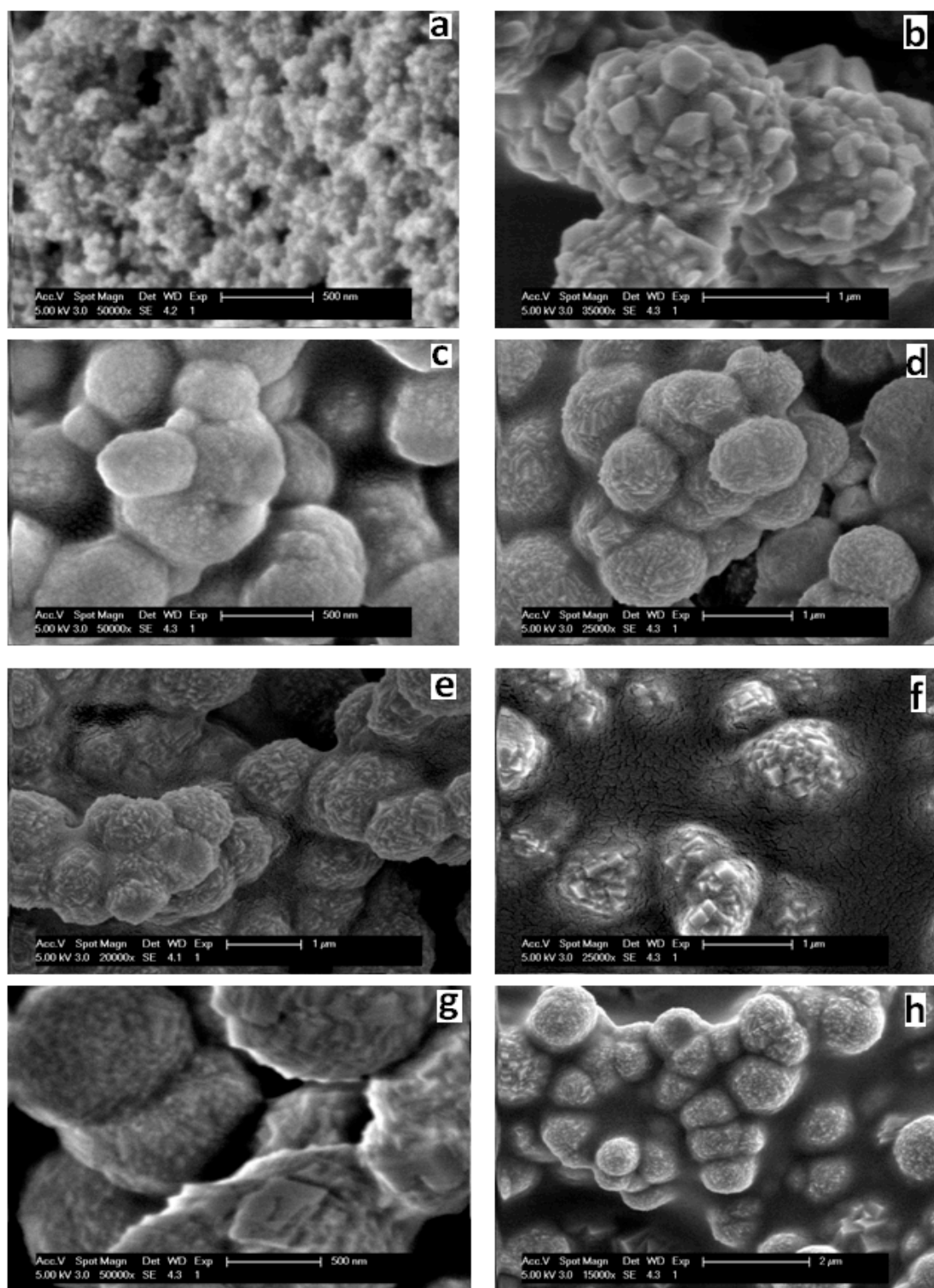


Figure SI-2. Representative SEM images of (a) AMNC, (b) NMNCHT160C, (c) NMNC_17Jan12 (d) NMNCR Taged1h (e) NMNCR Taged2.5h (f) NMNCR Taged5h (g) NMNC85C aged1h and (h) NMNC 85C aged2.5h (AMNC = amorphous manganese carbonate and NMNC = nano manganese carbonate).