Electronic Supplementary Information (ESI)

Nanolayered manganese-calcium oxide as an efficient catalyst toward organic sulfide oxidation

Mojtaba Amini,[*a] Mohammad Mahdi Najafpour,*[b,c] Hadi Naslhajian,[a,d] Emad Amini[b] and S. Morteza F. Farnia[d]

[a]*Department of Chemistry, Faculty of Science, University of Maragheh, Golshahr, P.O. Box. 55181-83111731, Maragheh, Iran*
[b]*Department of Chemistry, Institute for Advanced Studies in Basic Sciences (IASBS), Zanjan, 45137-66731, Iran*
[c]*Center of Climate Change and Global Warming, Institute for Advanced Studies in Basic Sciences (IASBS), Zanjan, 45137-66731, Iran*
[d] *Department of Chemistry, University of Tehran, Tehran, Iran*

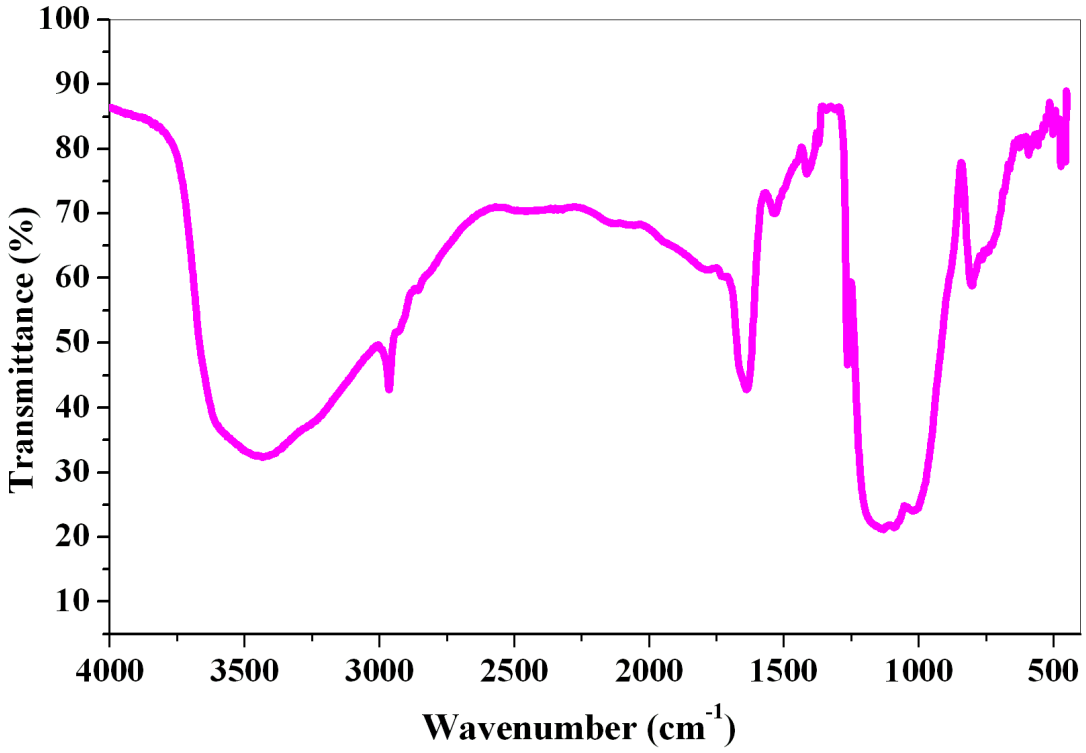


Fig. S1 Reflectance infrared Fourier transform spectra of Mn-Ca oxide.

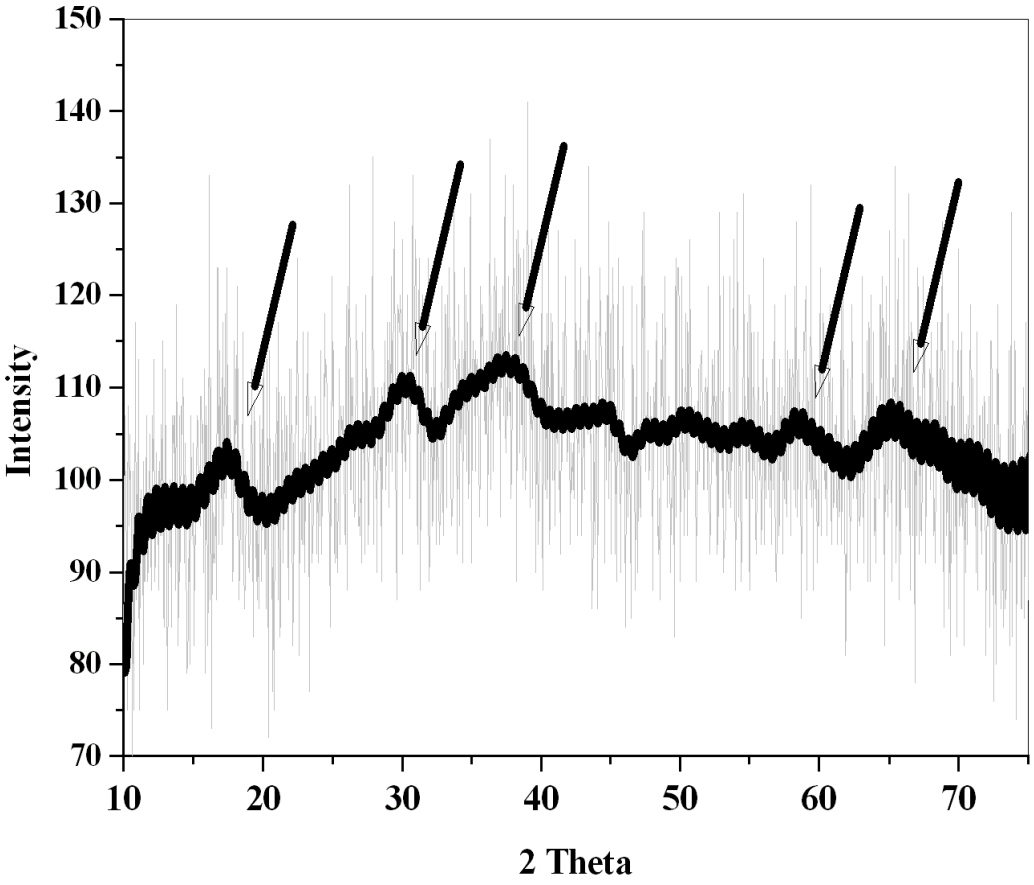
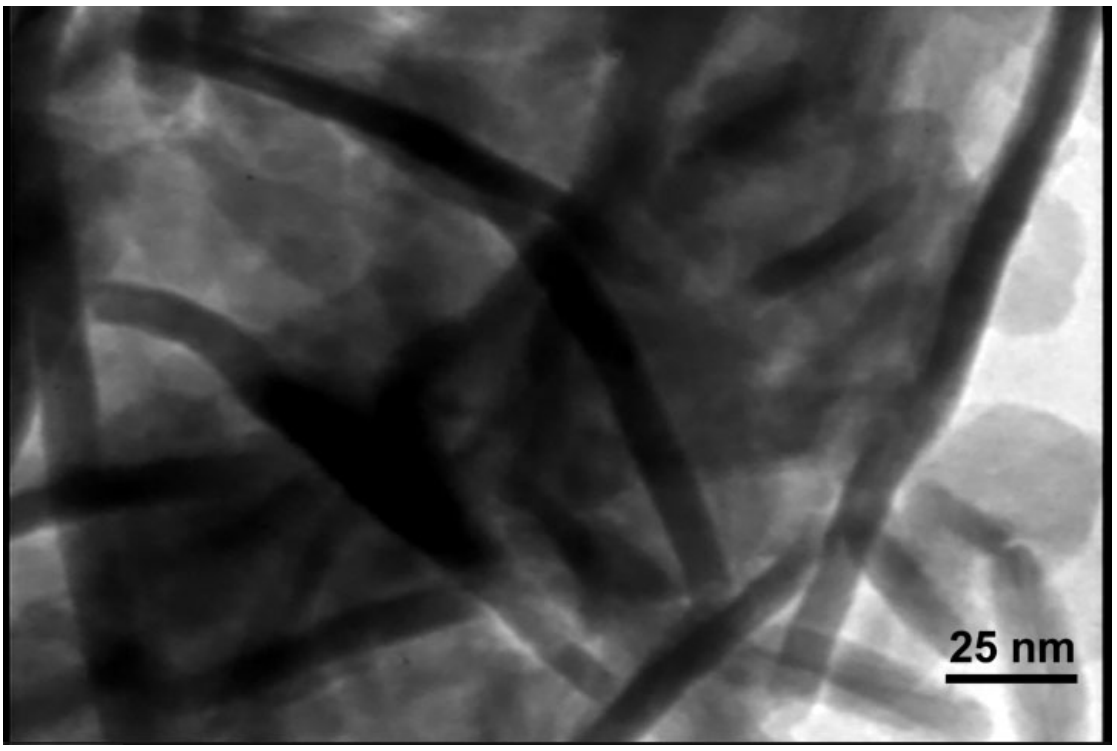


Fig. S2 XRD patterns of the obtained of nanolayered Mn-Ca oxide (grey) and FFT Filter Smoothing (black) of XRD patterns of the compound. FFT Filter Smoothing shows peaks related to layered Mn oxide.



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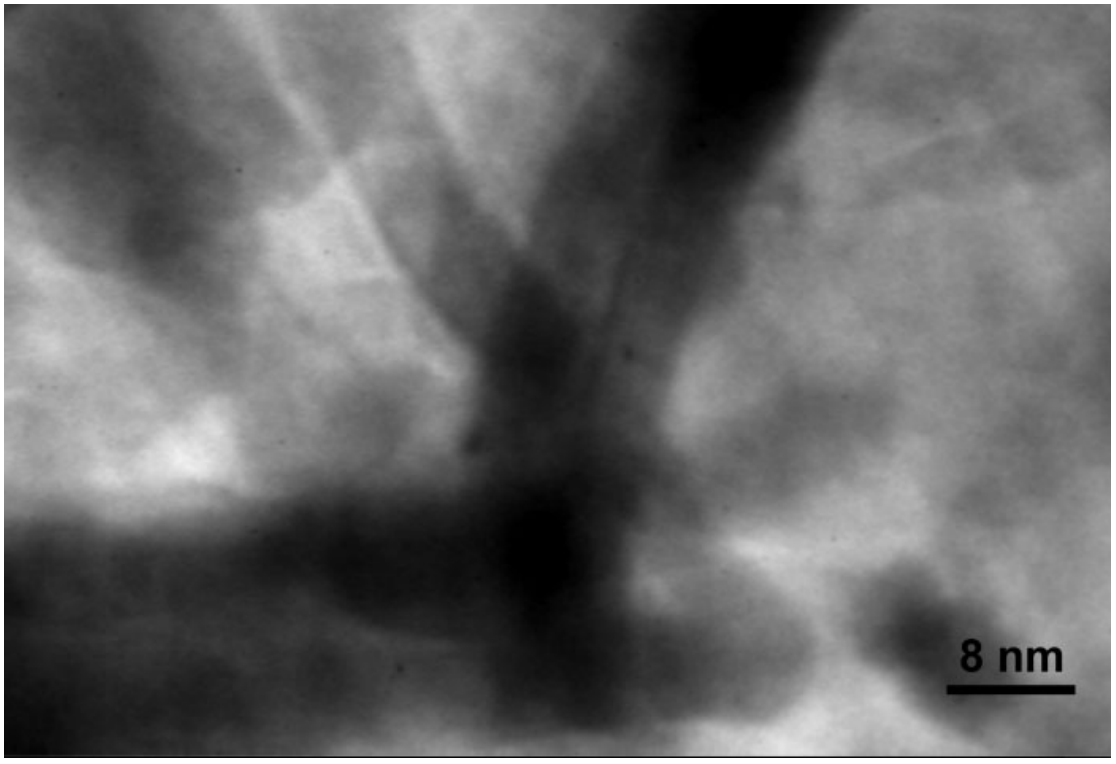

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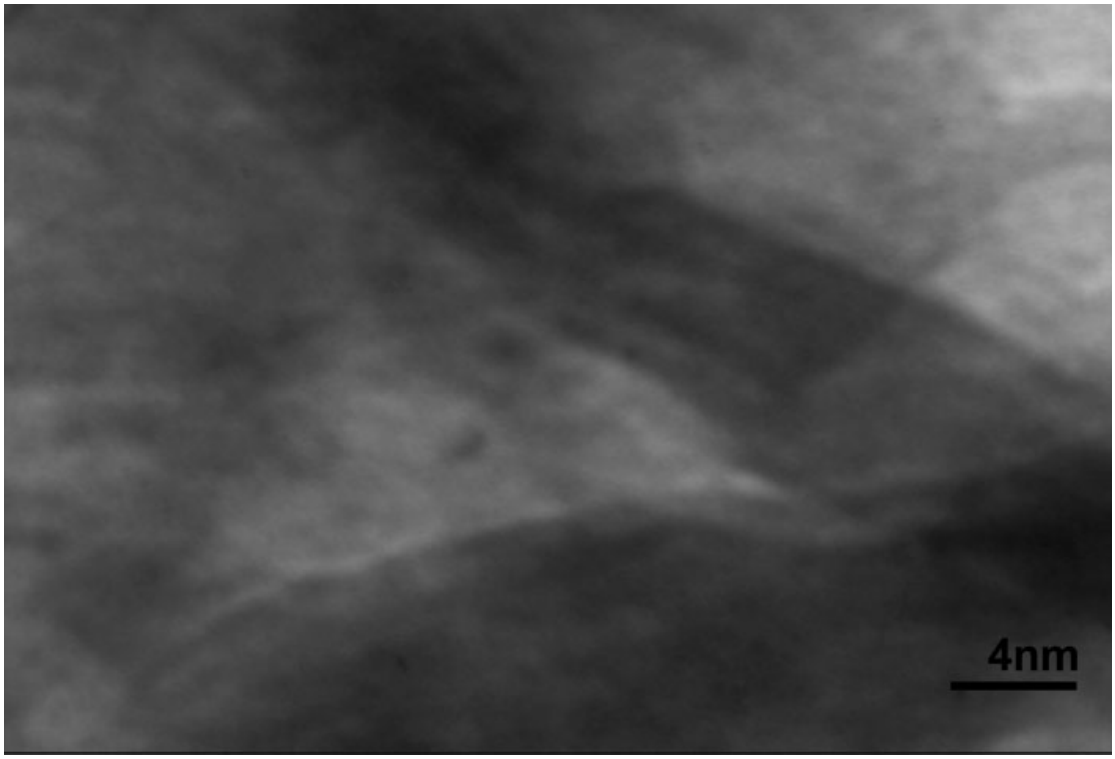

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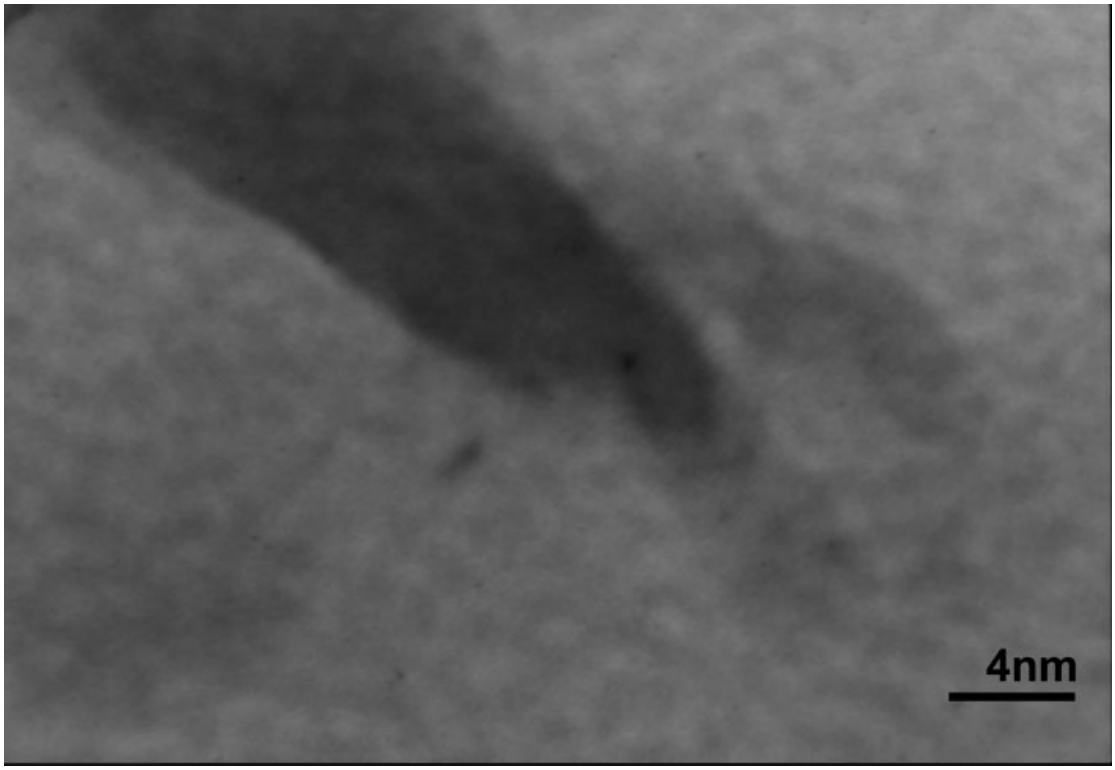

d

Fig. S3 TEM images for the Mn-Ca oxide.

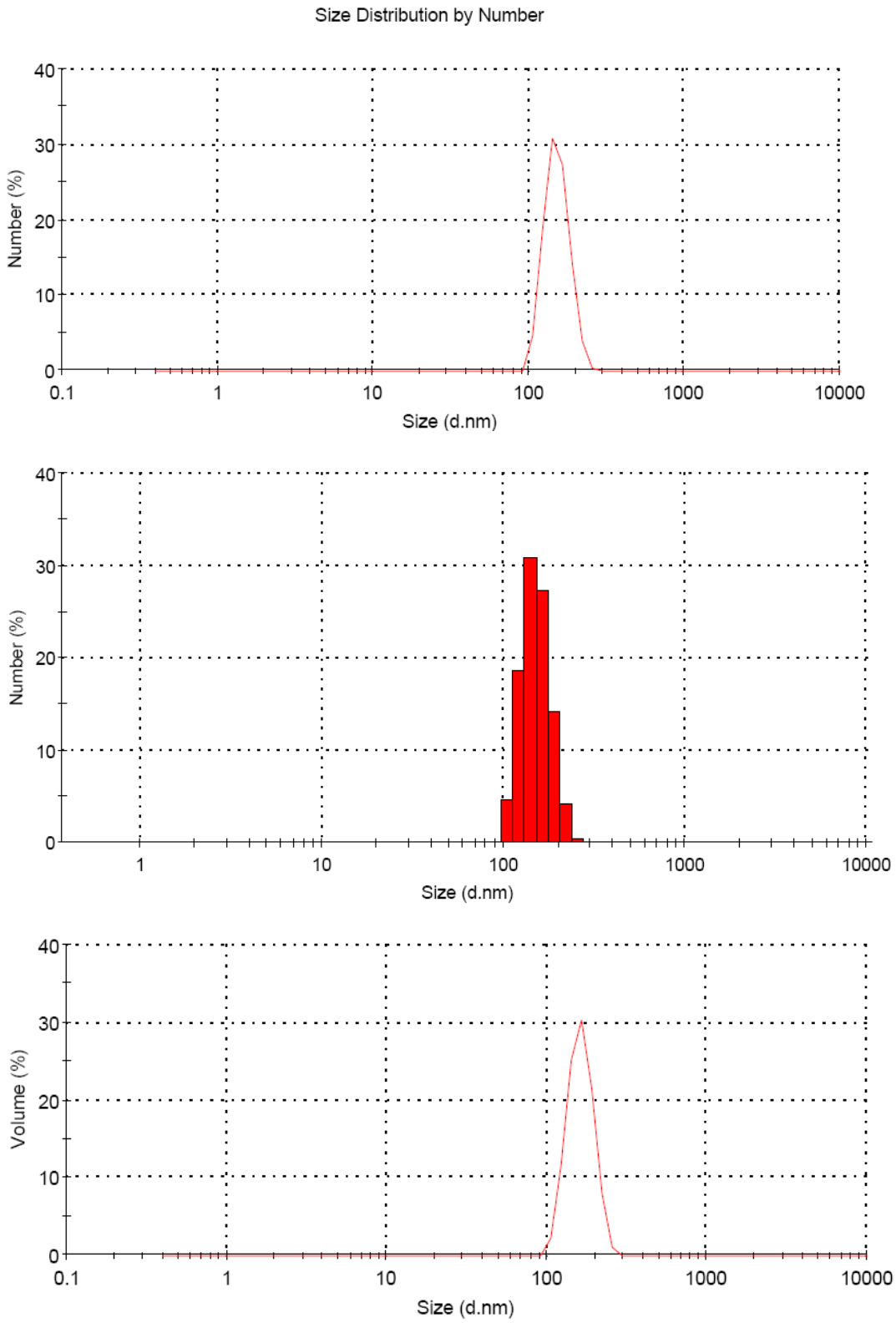

Fig. S4 DLS result for Mn-Ca oxide.

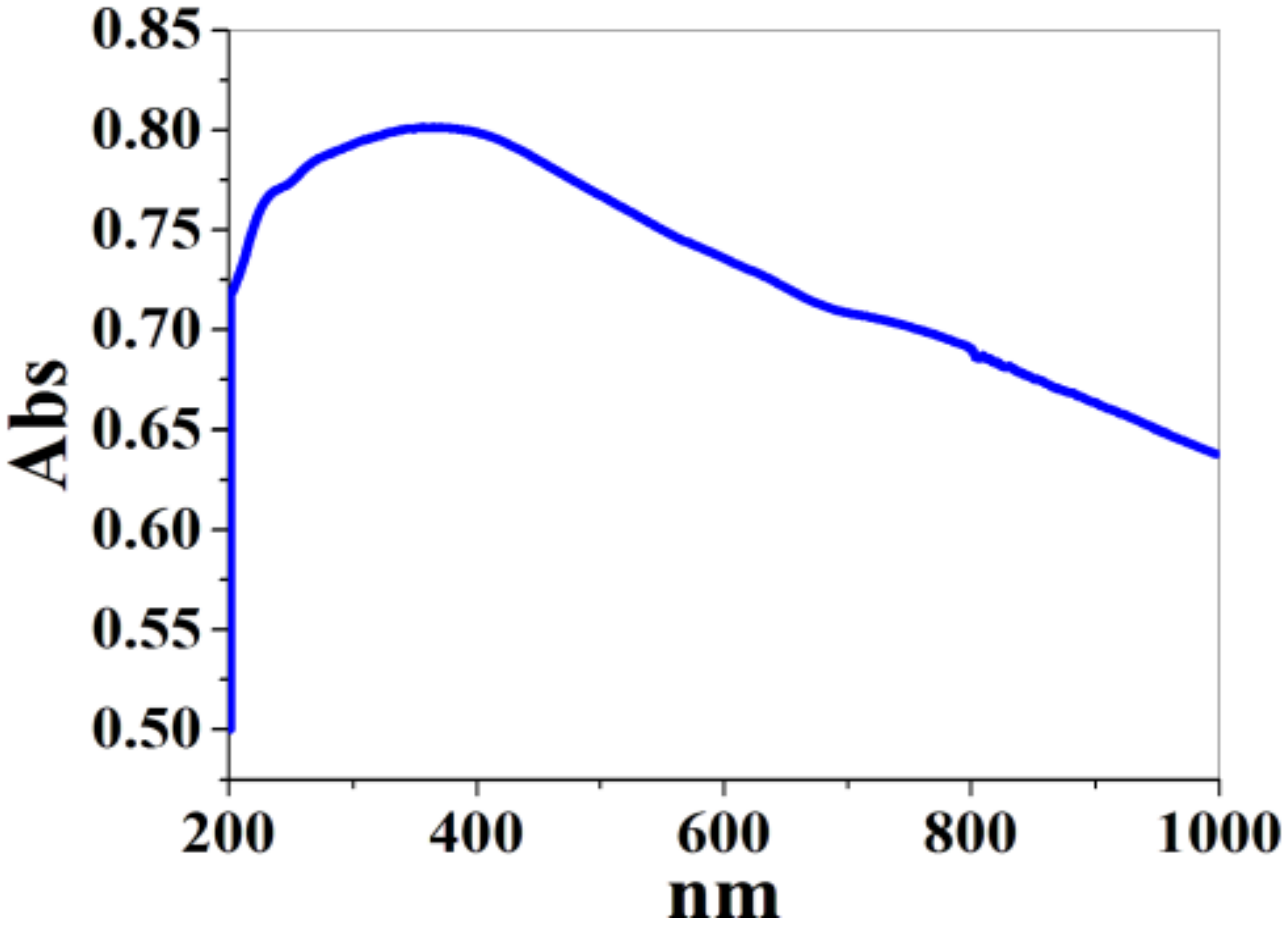

Fig. S5 Solid UV-Vis spectrum of Mn-Ca oxide