

Electronic supplementary information

Sodium Thiosulfate-Assisted Synthesis of NiS₂ Nanostructure by Using Nickel(II)-Salen Precursor: optical and magnetic properties

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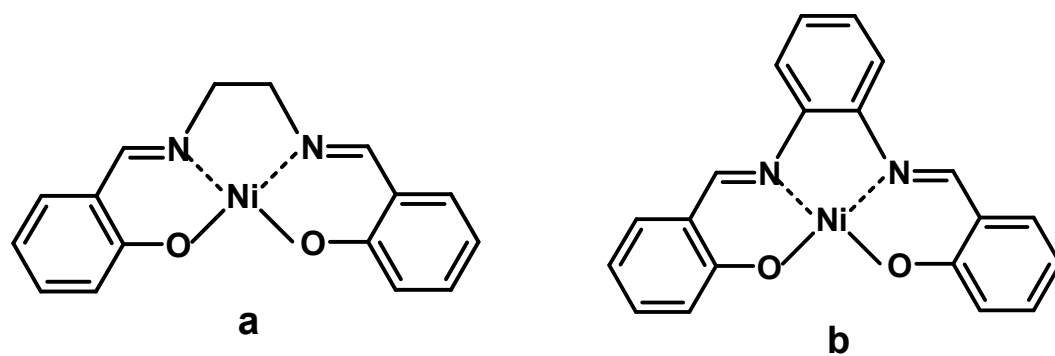


Fig. S1 Structural formula of (a) Ni(II)- Salen and (b) Ni(II)- Salophen complexes.

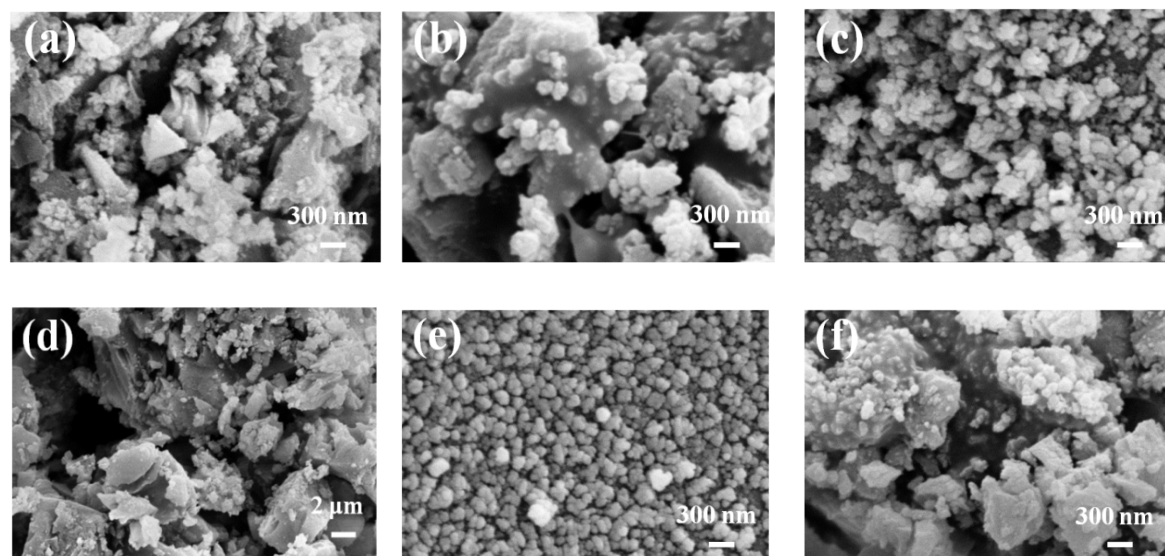


Fig. S2 SEM images of the products synthesized by using Ni(II)-Salophen complex and $\text{Na}_2\text{S}_2\text{O}_3$, obtained at different conditions (a) S1, (b) S2, (c) S3, (d) S4, (e) S5 and (f) S6.

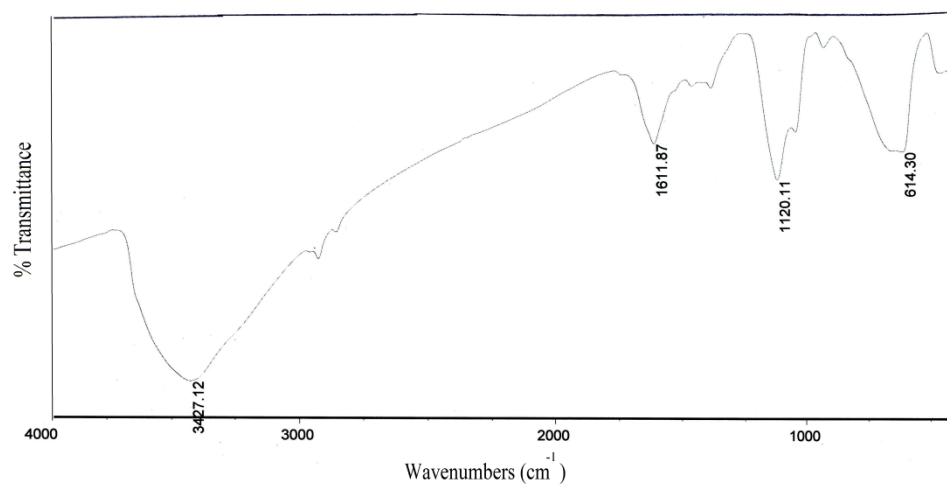


Fig. S3 FT-IR spectrum of the product synthesized by using Ni(II)-Salophen complex and $\text{Na}_2\text{S}_2\text{O}_3$ as the starting material (S8).