***Supporting Information***

**Mechanochemical synthesis of pyrite Ni1-xFexS2 electrode for all-solid-state sodium battery**

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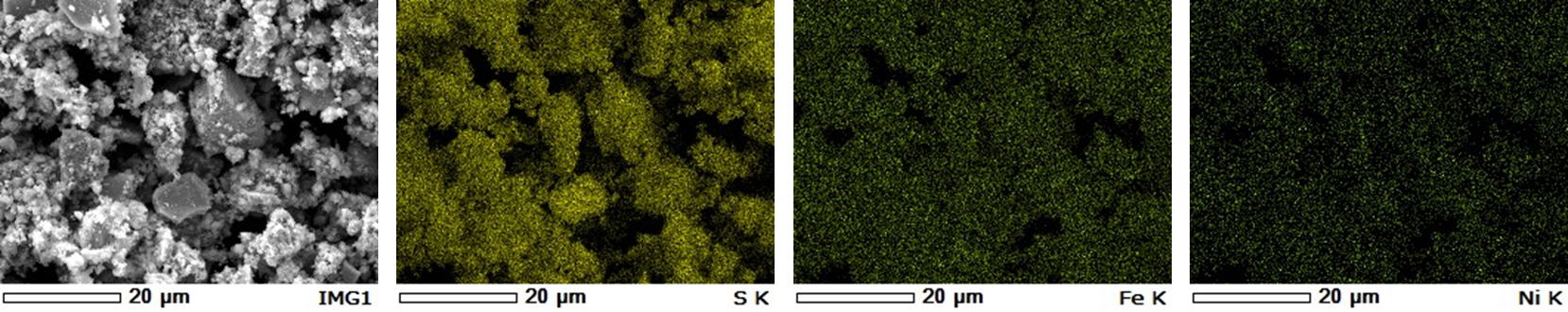


Fig. S1 The EDS mapping of the Ni0.3Fe0.7S2 particle.

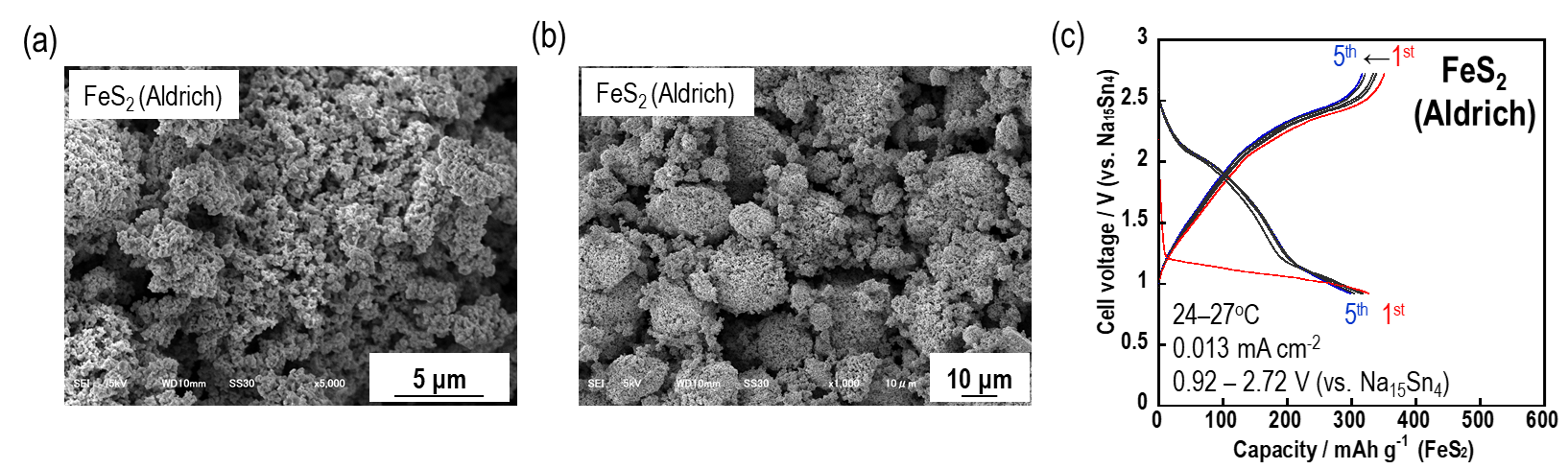
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Fig. S2 (a, b) The SEM images of FeS2 (99.9%, Aldrich). (c) Discharge-charge curve of Na15Sn4 / Na3PS4 / FeS2 (99.9%, Aldrich) in all-solid-state cell.