

### Supplementary information

## Influences of Sulfur Amounts in Ni-Incorporated $\text{ZnIn}_2(\text{O,S})_4$ on Phase Formation and its Visible Light Photocatalytic Hydrogen Evolution Reaction

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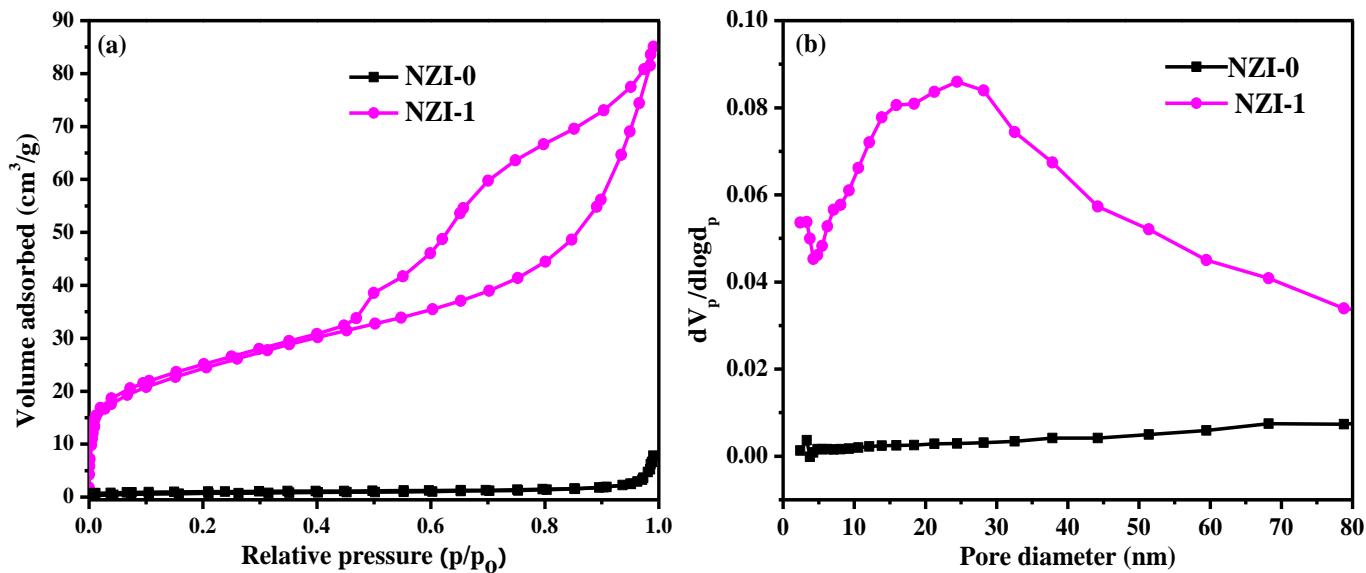
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**Table S1.** BET surface area and pore volume of NZI-0 and NZI-1

Catalysts	Surface area( $\text{m}^2/\text{g}$ )	Total pore volume( $\text{cm}^3/\text{g}$ )
NZI-0	2.4	0.012
NZI-1	84.73	0.130



**Figure S1.** (a) Nitrogen adsorption-desorption isotherms (b) BJH pore size distributions of NZI-0 and NZI-1