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Table 1: Calculated surface area, single pore volume and pore radius for all the as-synthesized samples.

Sample	Single point S/A	Single Pore	Pore
		volume (cc/g)	diameter(A <sup>0</sup> )
β-In <sub>2</sub> S <sub>3</sub>	52.1775 m <sup>2</sup> /g	$0.125958 \text{ cm}^3/\text{g}$	101.939 Å
Co-doped β-In <sub>2</sub> S <sub>3</sub>	102.1553 m <sup>2</sup> /g	0.266258 cm <sup>3</sup> /g	95.507 Å

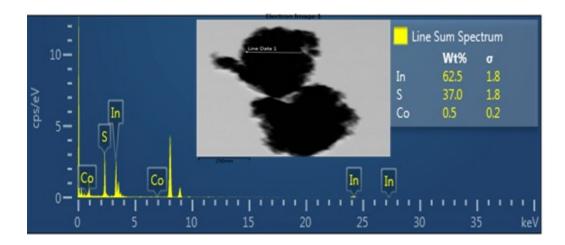


Figure S1: Line scan of a Co-doped β-In<sub>2</sub>S<sub>3</sub> indicating cobalt presence in the doped sample.