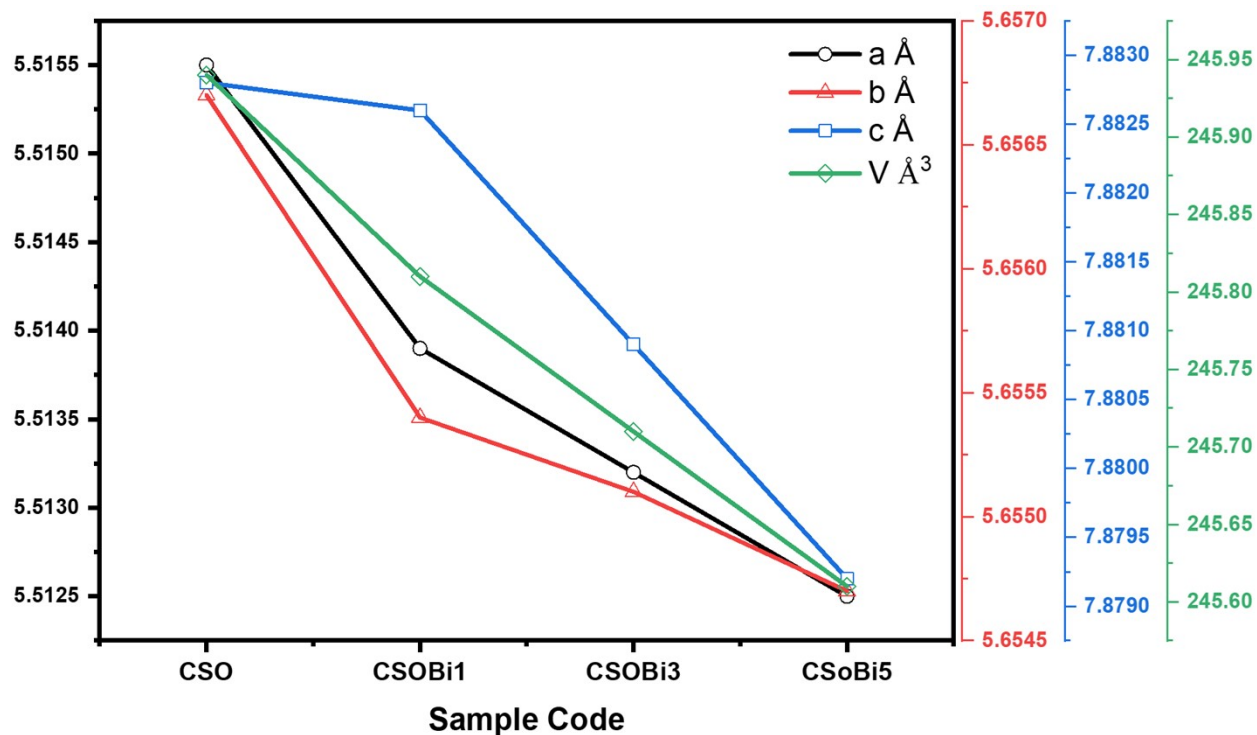


### Supplementary Information

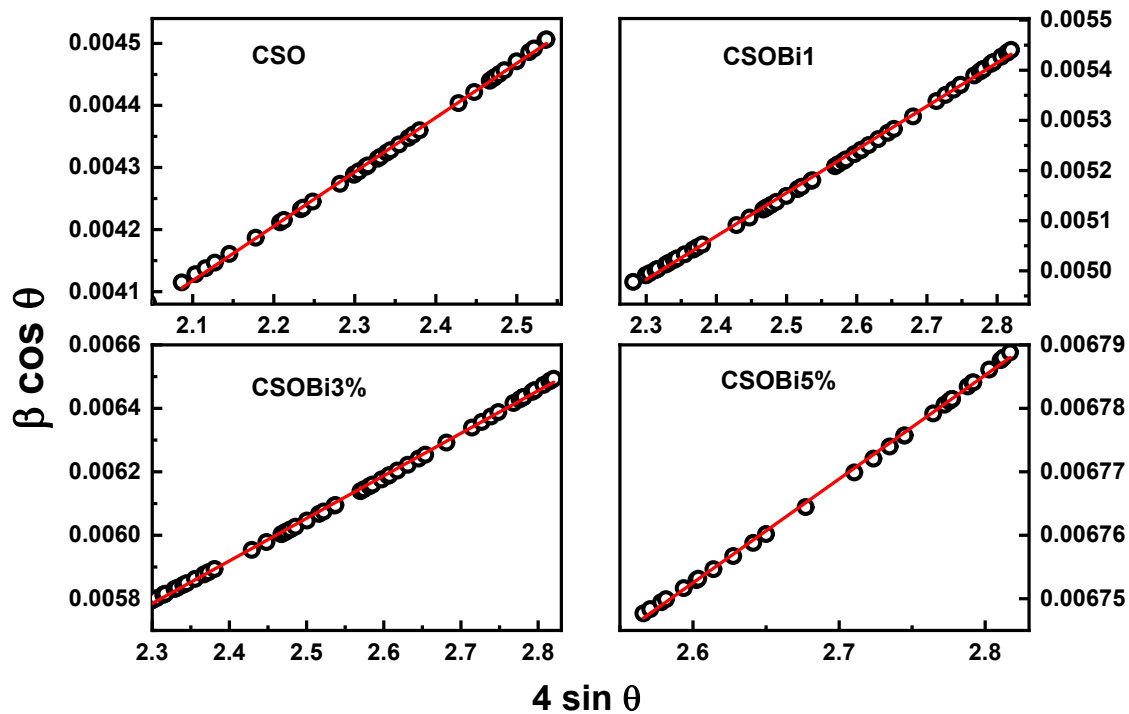
**Figure S1:** Lattice parameter and unit cell volume of CSO and Bi doped CSO compounds

**Figure S2:** Linear Williamson-Hall plots shown for the CSO and Bi-doped CSO compounds

**Figure S3:** Schematic representation of variation in band gap values of CSO and Bi doped CSO compounds



**Figure S1:** Lattice parameter and unit cell volume of CSO and Bi doped CSO compounds



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e S2: Linear Williamson-Hall plots shown for the CSO and Bi-doped CSO compounds.

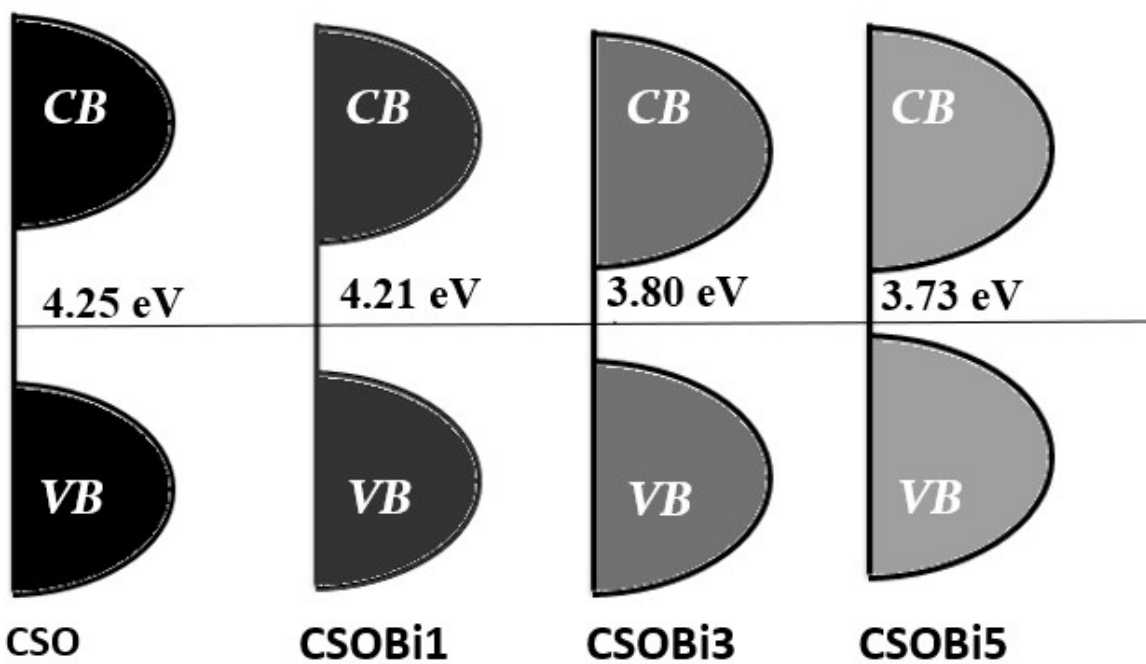


Figure S3: Schematic representation of variation in band gap values of CSO and Bi doped CSO Compounds