

Supplementary data

[Fabrication of Europium-Doped Barium Titanate/Polystyrene Polymer Nanocomposites Using Ultrasonication-Assisted Method: Structural and Optical Properties]

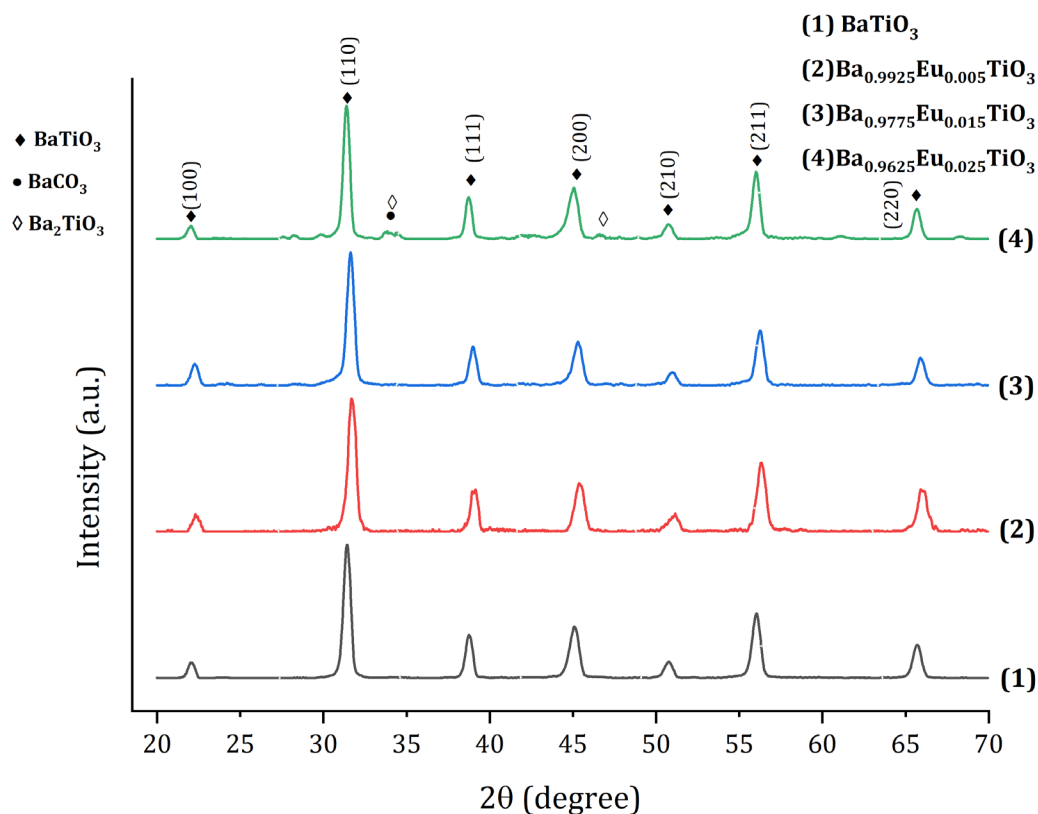
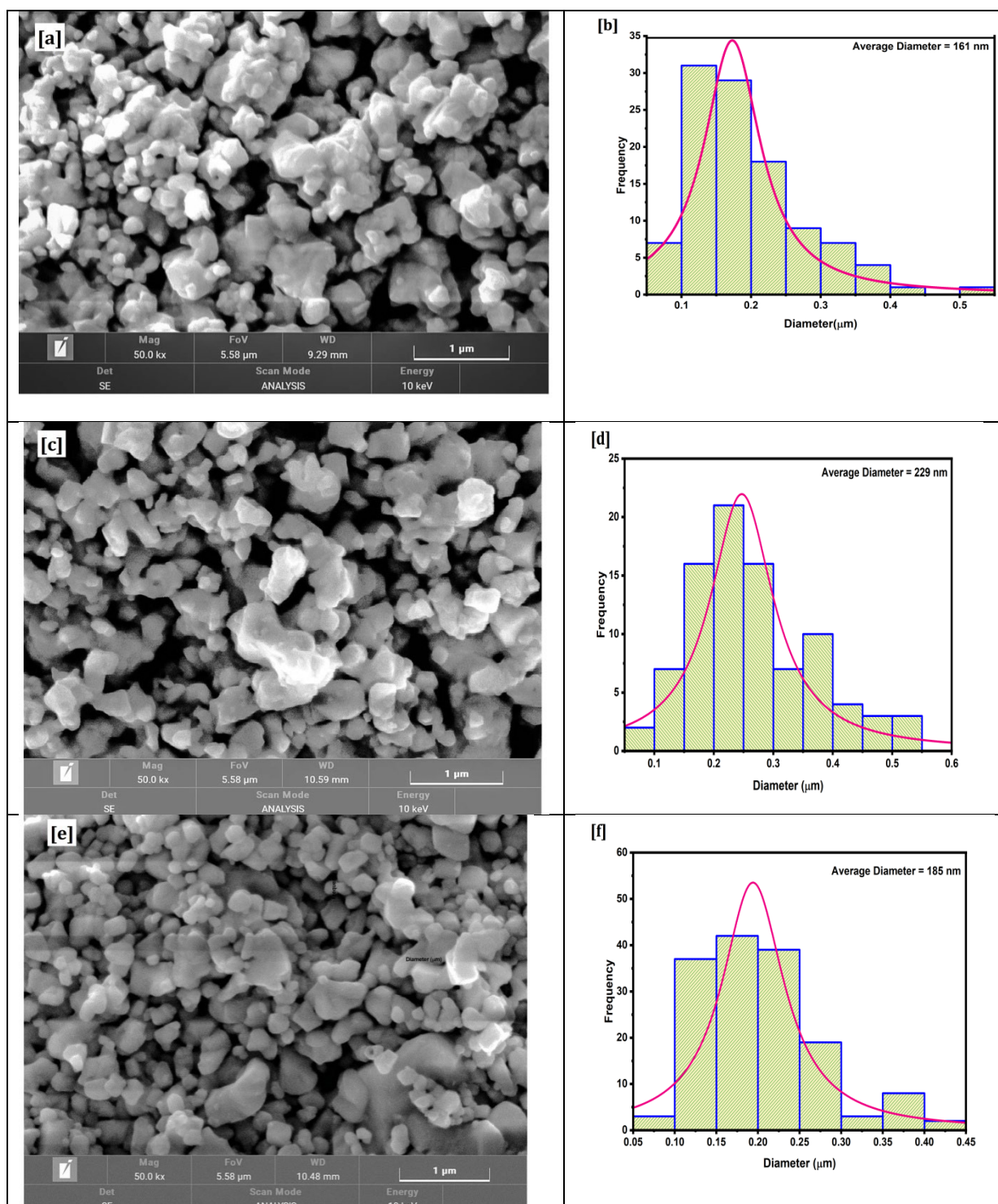


Figure S1. Powder X-ray diffraction pattern of pure and Eu-doped barium titanate filler particles.



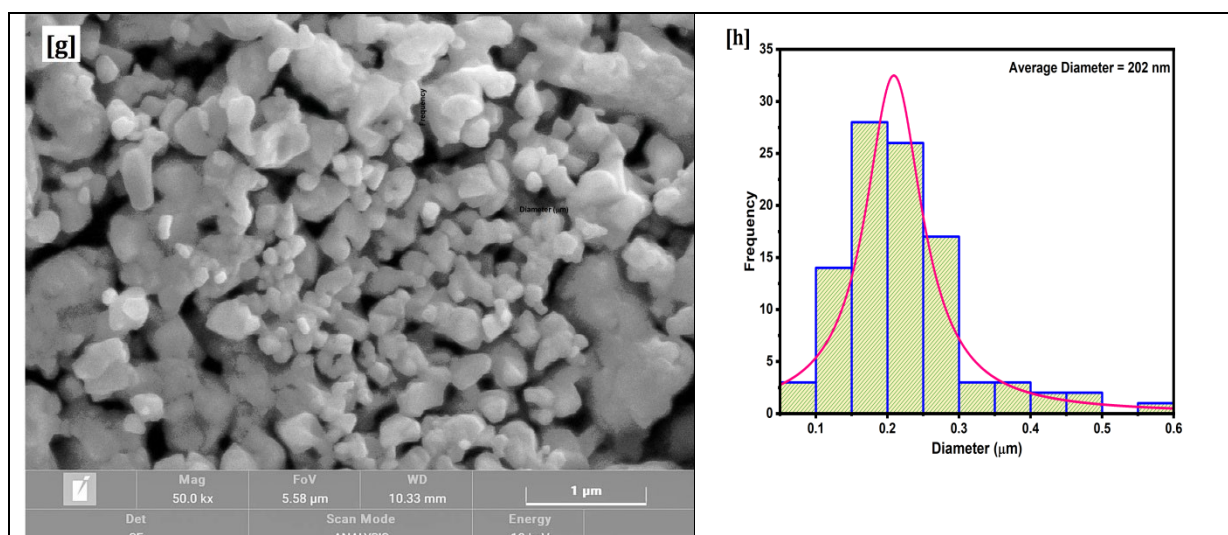


Figure S2. FE-SEM micrographs of and particle size distribution (a, b) BaTiO_3 (c, d) $\text{BaTiO}_3\text{:}0.5\%\text{Eu}$ (e, f) $\text{BaTiO}_3\text{:}1.5\%\text{Eu}$ (g, h) $\text{BaTiO}_3\text{:}2.5\%\text{Eu}$.