

## Hydrothermal synthesis and characterization of novel yellow pigments based on

### $V^{5+}$ doped $BiPO_4$ with high near-infrared reflectance

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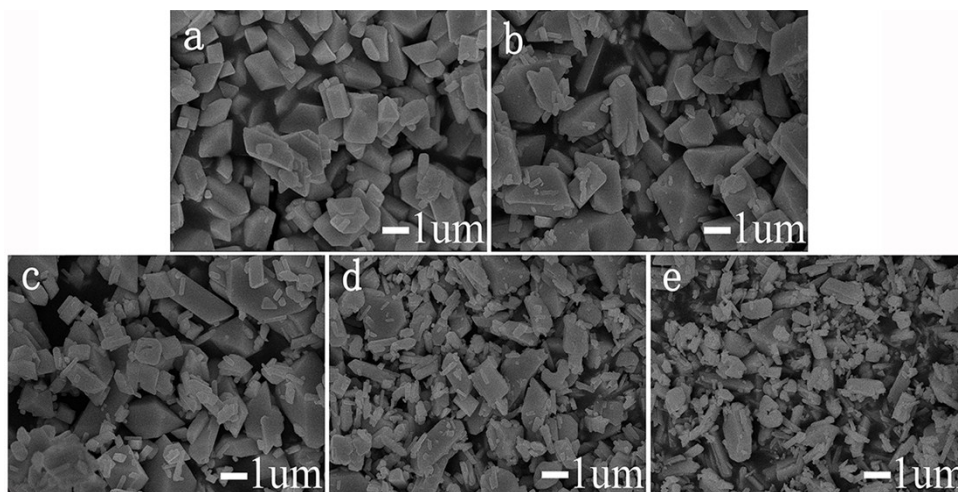


Figure S1: FE-SEM images of  $BiP_{1-x}V_xO_4$  powdered pigments;  $x=(a)$  0.00, (b) 0.05, (c) 0.08, (d) 0.1, and (e) 0.15.