Supplementary information for

Synthesis and structure of Bi$_2$Ce$_2$O$_7$: A new compound exhibiting high solar photocatalytic activity

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Fig. S1 Profile fitting with model (a) Ce$_2$BiO$_2$ (Space group $I4/mmm$, $a$=4.0340, $b$=13.7360) and (b) Bi$_{7.38}$Ce$_{0.62}$O$_{12.31}$ (Space group $P-42_1c$, $a$=7.7386, $c$=5.6347)
Fig. S2 EDX images for BCO
Fig. S3 Degradation profiles for various dyes in presence of BCO under solar radiation