

## Electronic Supplementary Information

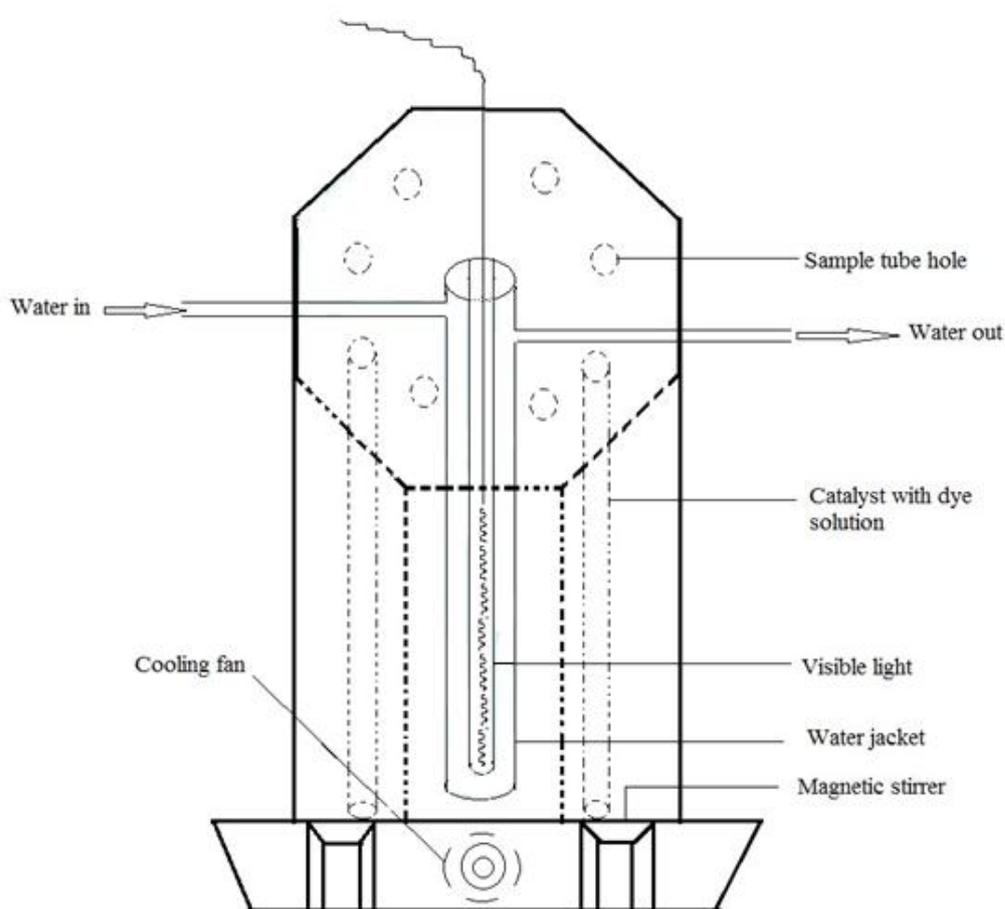
### Synthesis, characterization of visible active MO hollow spheres by combustion technique

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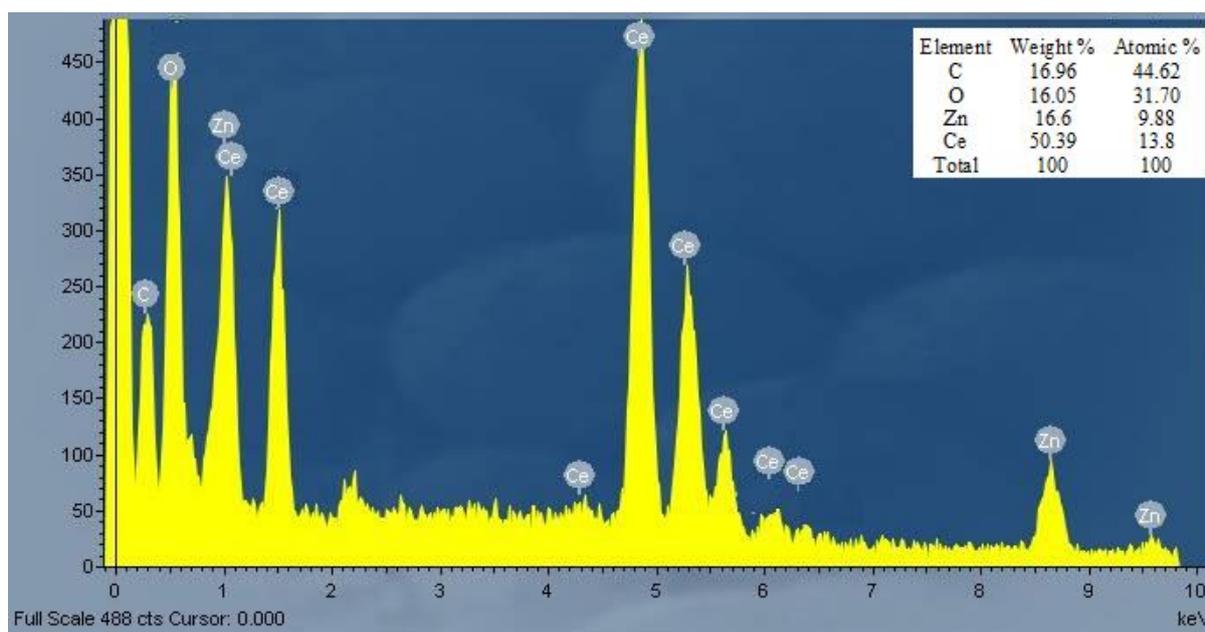
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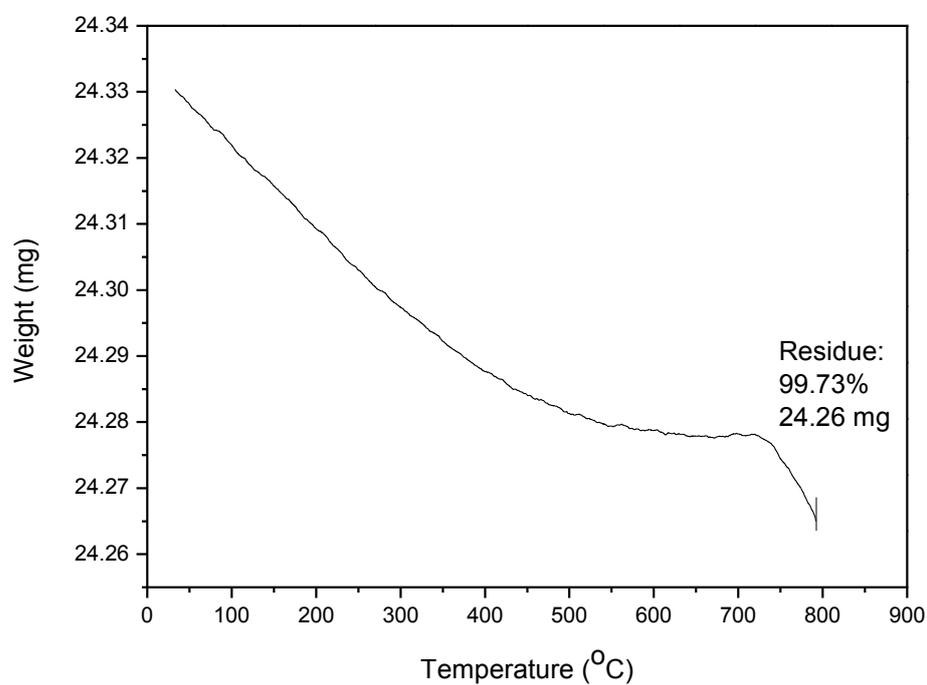


**Figure 1.** Schematic diagram of the slurry visible photoreactor.

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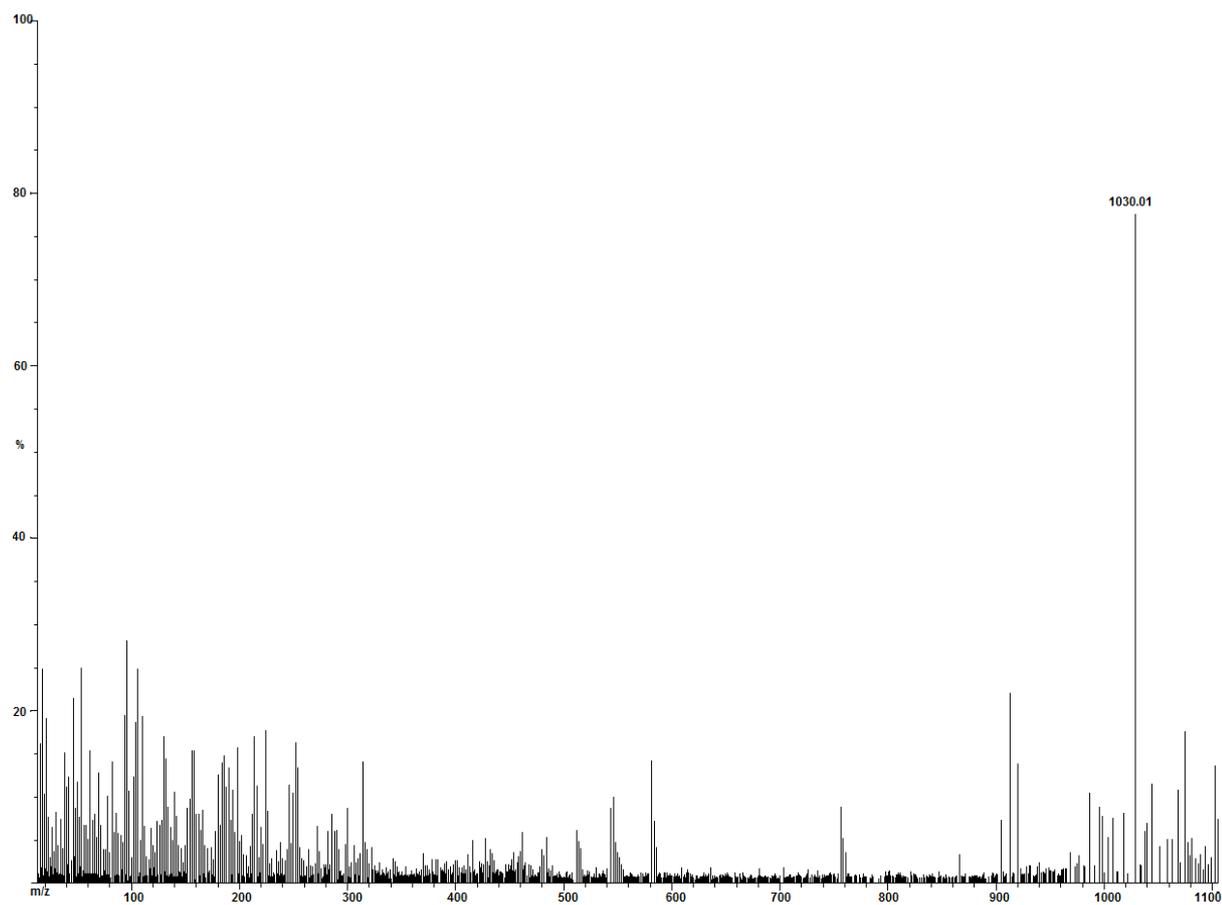


**Figure 2.** EDAX for Zn-Ce MO at 900°C of 10h



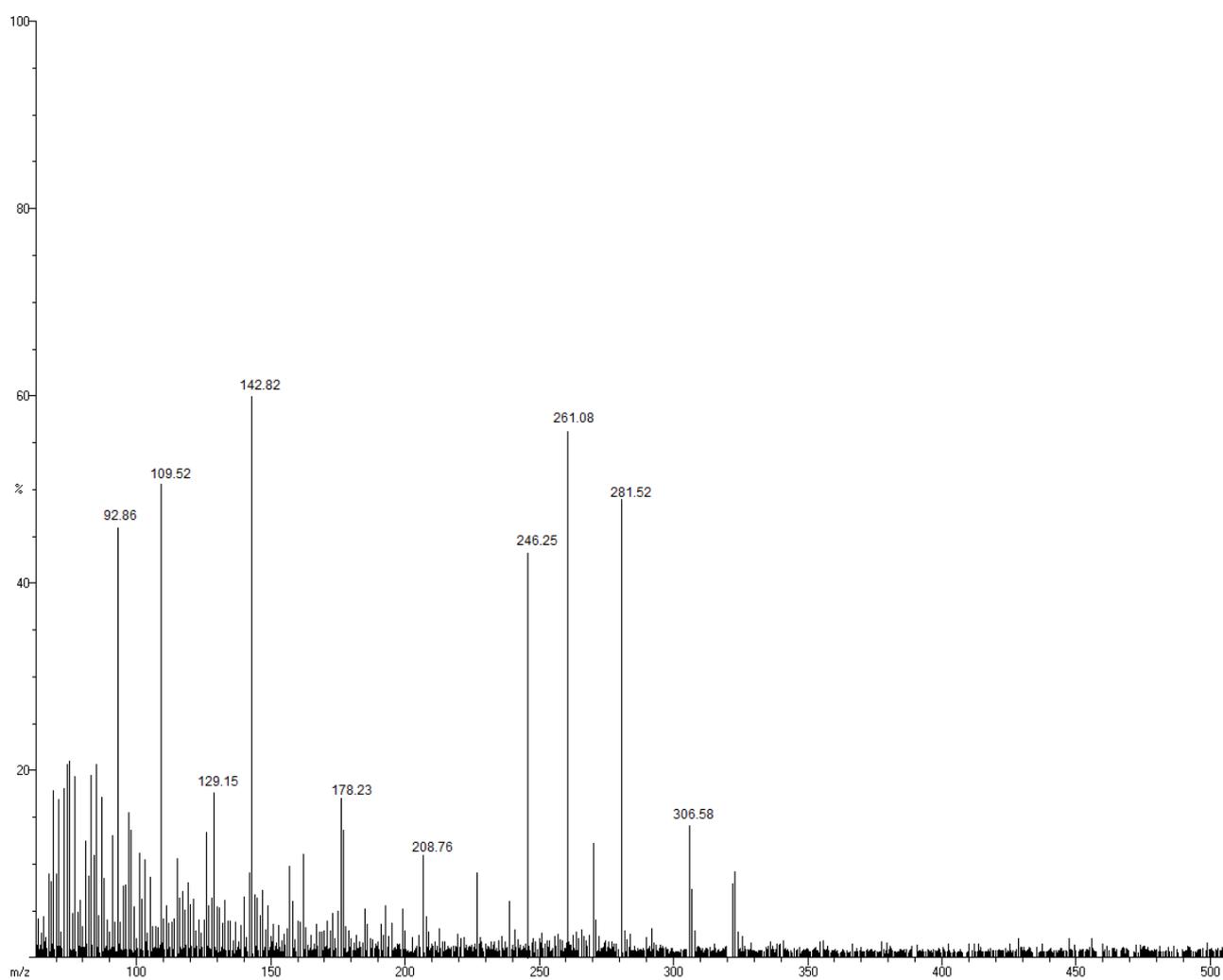
**Figure 3.** TGA for Zn-Ce MO at 900°C of 10h

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**Figure 4.** ESI-Mass for the pure DB71

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**Figure 5.** ESI-Mass for the after 30 min visible irradiation of DB71