

## Supporting Information

### Combination between Lacunary Polyoxometalates and High-Nuclear Transition Metal Clusters Under Hydrothermal Conditions: III. Structure and Characterization of $[\text{Cu}(\text{enMe})_2]_2\{[\text{Cu}(\text{enMe})_2(\text{H}_2\text{O})]_2[\text{Cu}_6(\text{enMe})_2(\text{B-} \alpha\text{-SiW}_9\text{O}_{34})_2]\}\cdot 4\text{H}_2\text{O}$

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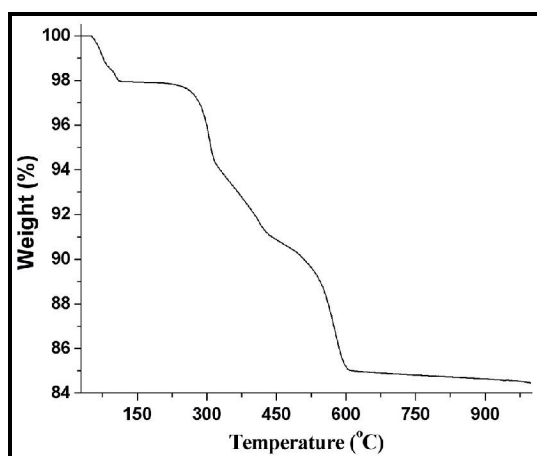


Figure S1. TGA curve of **1**

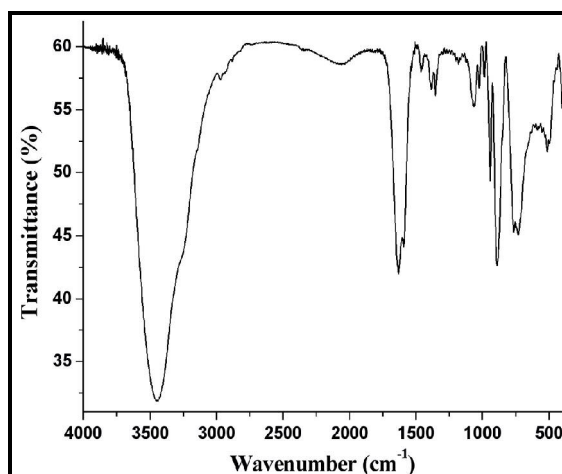


Figure S2. IR spectrum of **1**.

IR spectrum of **1** exhibits an sharp band at ca. 946 cm<sup>-1</sup>, attributed to the  $\nu(\text{W}=\text{O})$ , and features at ca. 1063 cm<sup>-1</sup> due to  $\nu(\text{Si}-\text{O})$ , bands in the 500-890 cm<sup>-1</sup> region are characteristics of  $\nu(\text{M}-\text{O}-\text{M})$  ( $\text{M} = \text{W}$  or  $\text{Cu}$ ). The characteristics of the  $\text{NH}_2$  and  $\text{CH}_2$  groups are fallen in the 1100-1590 cm<sup>-1</sup> region.