

Electronic Supplementary Information (ESI) for:

**Anionic templating in a new layered bismuth tellurium  
oxychloride,  $\text{Bi}_3\text{Te}_4\text{O}_{10}\text{Cl}_5$**

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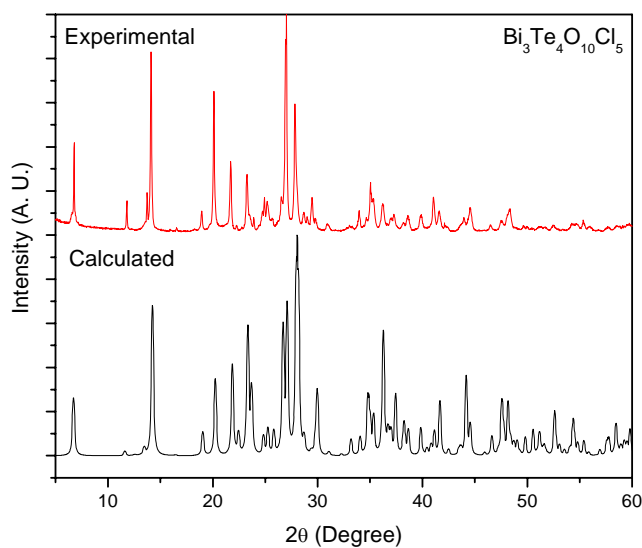
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Professor Kang Min Ok

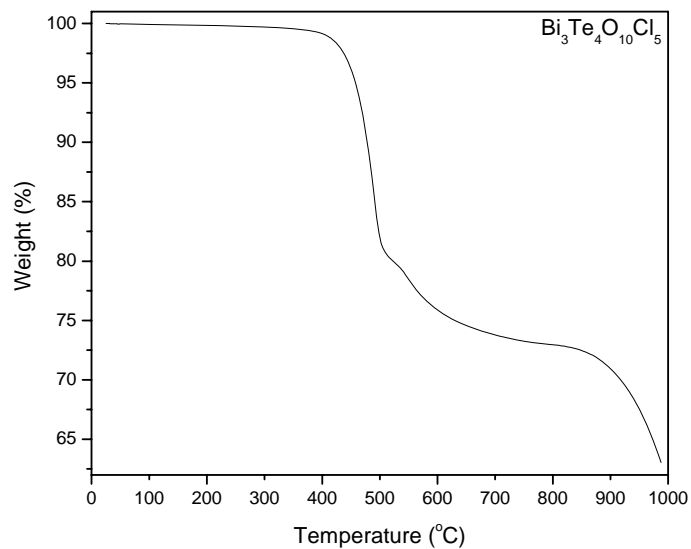
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- S1. Experimental and calculated powder X-ray diffraction patterns for  $\text{Bi}_3\text{Te}_4\text{O}_{10}\text{Cl}_5$
- S2. Thermogravimetric analysis diagram for  $\text{Bi}_3\text{Te}_4\text{O}_{10}\text{Cl}_5$
- S3. Infrared spectrum of  $\text{Bi}_3\text{Te}_4\text{O}_{10}\text{Cl}_5$

S1. Experimental and calculated powder X-ray diffraction patterns for  $\text{Bi}_3\text{Te}_4\text{O}_{10}\text{Cl}_5$



S2. Thermogravimetric analysis diagram for  $\text{Bi}_3\text{Te}_4\text{O}_{10}\text{Cl}_5$



### S3. Infrared spectrum of $\text{Bi}_3\text{Te}_4\text{O}_{10}\text{Cl}_5$

