Supporting Information for:

**New Mixed-Metal Tellurites: Synthesis, Structure, and Characterizations of
 $\text{Na}_{1.4}\text{Nb}_3\text{Te}_{4.9}\text{O}_{18}$ and $\text{NaNb}_3\text{Te}_4\text{O}_{16}$**

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- S1. ORTEP representation (50% probability ellipsoids) of $\text{Na}_{1.4}\text{Nb}_3\text{Te}_{4.9}\text{O}_{18}$.
- S2. ORTEP representation (50% probability ellipsoids) of $\text{NaNb}_3\text{Te}_4\text{O}_{16}$.
- S3. Calculated and observed powder X-ray diffraction pattern for $\text{Na}_{1.4}\text{Nb}_3\text{Te}_{4.9}\text{O}_{18}$.
- S4. Calculated and observed powder X-ray diffraction pattern for $\text{NaNb}_3\text{Te}_4\text{O}_{16}$.
- S5. Diffuse reflectance spectra for $\text{Na}_{1.4}\text{Nb}_3\text{Te}_{4.9}\text{O}_{18}$ and $\text{NaNb}_3\text{Te}_4\text{O}_{16}$.

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S2

S3. Calculated and observed powder X-ray diffraction pattern for $\text{Na}_{1.4}\text{Nb}_3\text{Te}_{4.9}\text{O}_{18}$

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S5. Diffuse reflectance spectra for $\text{Na}_{1.4}\text{Nb}_3\text{Te}_{4.9}\text{O}_{18}$ and $\text{NaNb}_3\text{Te}_4\text{O}_{16}$

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