Supplementary Information

Selective Adsorption of Au\textsuperscript{III} from Aqueous Solution Using 2,5-Dimercapto-1,3,4-thiadiazole Modified Persimmon Tannin

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Figure S1. FTIR (KBr) spectra of PT and DMTD-PT.

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Figure S2. Plots of t/q versus t for adsorption of Au$^{III}$ onto PT and DMTD-PT.

Figure S3. Van’t Hoff relationship between 1/T and ln b° for adsorption of Au$^{III}$ onto DMTD-PT.
Figure S4. Plot of reusability of regenerated DMTD-PT.

Figure S5. FTIR (KBr) spectra of fresh and Au$^{III}$-loaded DMTD-PT.