Supplementary Materials

Effect of Electrochemical Synthesis Parameters on the Morphology, Crystal and Chemical Structure, and Sorption Efficiency of Basic Bismuth Nitrates

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Contents

Supplementary Figure S1: TG curve of material synthesized at 200 mA cm^{-2} and 200 °C.

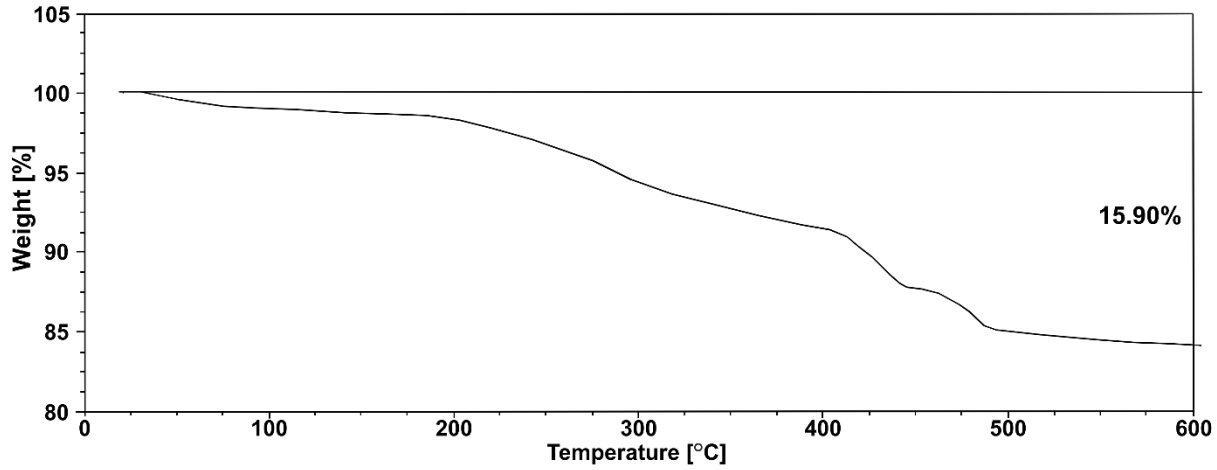
Supplementary Figure S2: TG curve of material synthesized at 200 mA cm^{-2} and 350 °C.

Supplementary Figure S3: TG curve of material synthesized at 200 mA cm^{-2} and 500 °C.

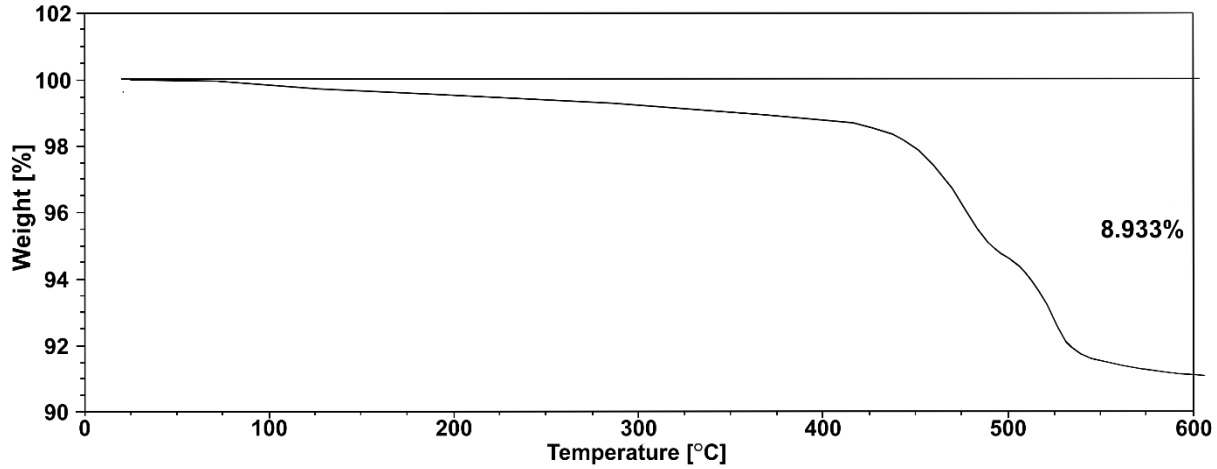
Supplementary Figure S4: Kinetic of RB19 sorption onto BBN 200 mA cm^{-2}: initial RB19 concentration, 600.0 mg dm^{-3}; sorbent dose, 500.0 mg dm^{-3}; pH, 2.0; stirring speed, 200 rpm; temperature, 25.0 ± 0.5 °C.

Supplementary Figure S5: Isotherms of RB19 dye sorption onto BBN 200 mA cm^{-2}: initial RB19 concentration, 600.0 mg dm^{-3}; sorbent dose, 500.0 mg dm^{-3}; pH, 2.0; stirring speed, 200 rpm; temperature, 25.0 ± 0.5 °C.

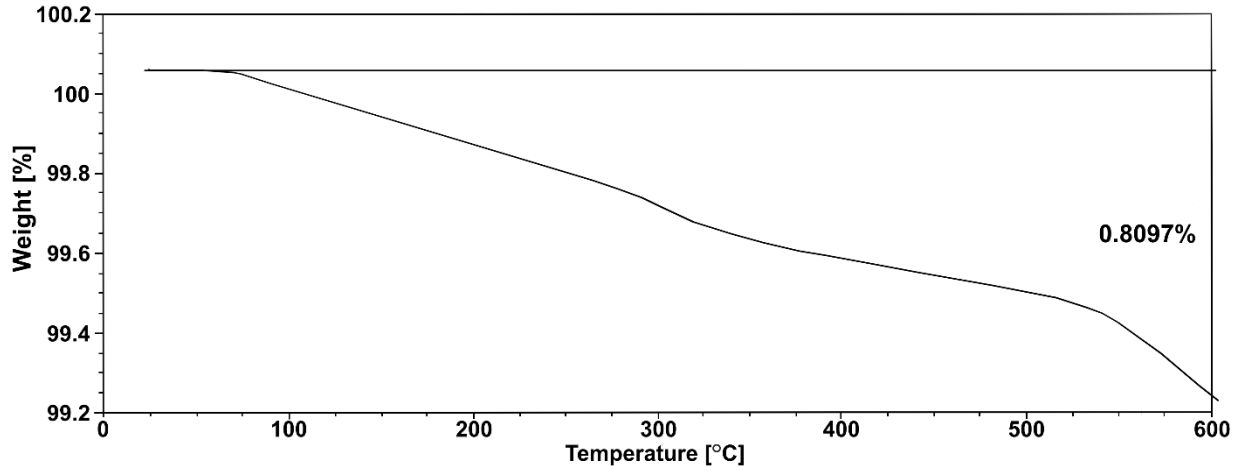
Supplementary Figure S6: Thermodynamic of RB19 dye sorption onto BBN 200 mA cm^{-2}: initial RB19 concentration, 600.0 mg dm^{-3}; sorbent dose, 500.0 mg dm^{-3}; pH, 2.0; stirring speed, 200 rpm; temperature, 25.0 ± 0.5 °C.



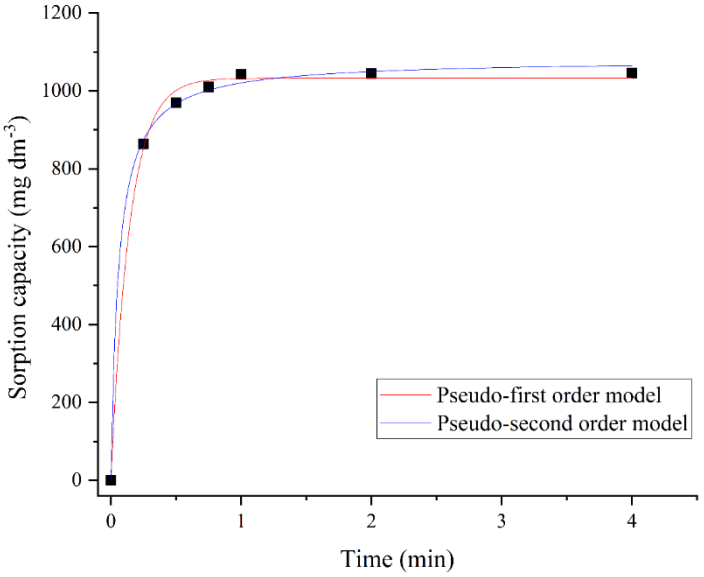
Supplementary Figure S1.



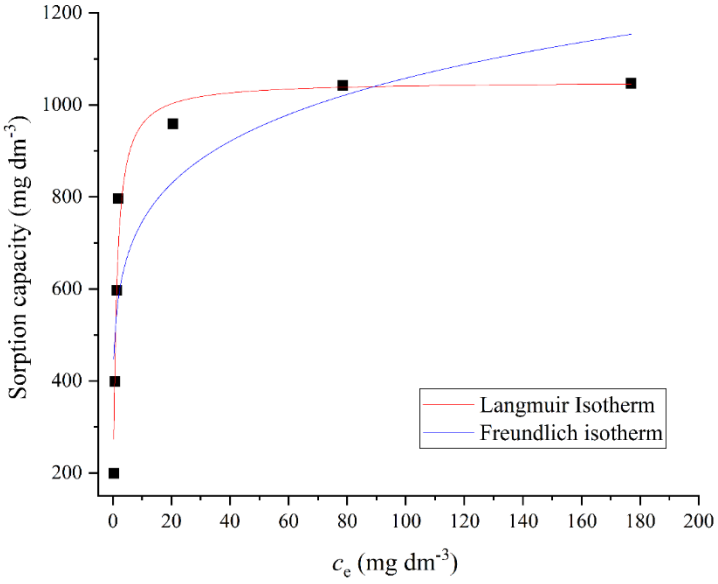
Supplementary Figure S2.



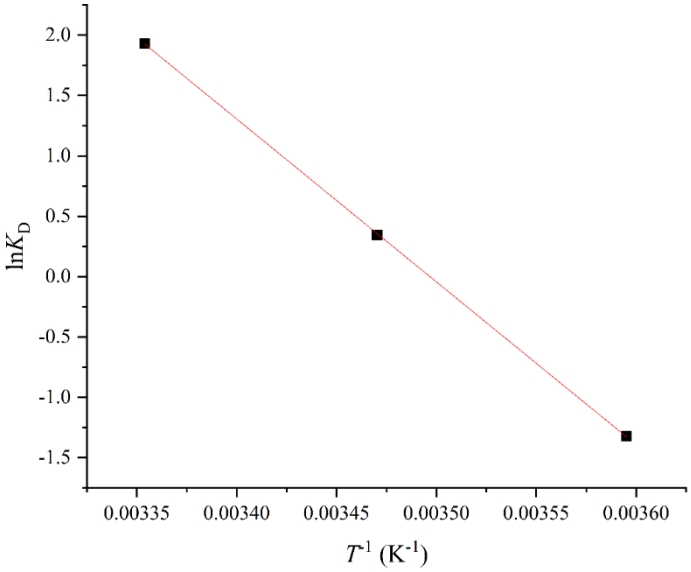
Supplementary Figure S3.



Supplementary Figure S4.



Supplementary Figure S5.



Supplementary Figure S6.