



Supporting Information

for

A CuO/ZnFe₂O₄ heterostructure as an efficient catalyst for NaBH₄-assisted reduction of chloramphenicol

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AAS measurements of dissolved metal ions

Table S1: Dissolved metal concentrations measured by AAS after each catalytic cycle.

Cycle	Fe (mg/L)	Cu (mg/L)	Zn (mg/L)
1	11.90	1.55	0.98
2	4.30	1.33	1.06
3	4.00	1.31	0.78
4	4.54	1.40	0.90
5	7.24	2.49	1.12

<i>STT</i> (GGNM)	<i>Tên (ký hiệu)</i> <i>mẫu</i>	<i>Chỉ tiêu</i> <i>TN</i>	<i>Phương pháp</i> <i>thử</i>	<i>V (ml)</i>	<i>Vdm (ml)</i>	<i>K</i>	<i>Cm</i> (mg/L)	<i>Ct</i> (mg/L)	<i>Xib</i> (mg/L)	<i>Xib (mg/L)</i>
		Fe	AOAC 999.11							
<u>1</u>	C12			1.7419	25	1	0.8307	0.00	11.9	11.9
<u>2</u>	C22			1.7262	25	1	0.2968	0.00	4.30	4.30
<u>3</u>	C32			1.6480	25	1	0.2634	0.00	4.00	4.00
<u>4</u>	C42			1.6414	25	1	0.2984	0.00	4.54	4.54
<u>5</u>	C52			1.7396	25	1	0.5037	0.00	7.24	7.24
		Cu	AOAC 999.11							
<u>1</u>	C12			1.7419	25	1	0.1082	0.00	1.55	1.55
<u>2</u>	C22			1.7262	25	1	0.0920	0.00	1.33	1.33
<u>3</u>	C32			1.6480	25	1	0.0865	0.00	1.31	1.31
<u>4</u>	C42			1.6414	25	1	0.0921	0.00	1.40	1.40
<u>5</u>	C52			1.7396	25	1	0.1732	0.00	2.49	2.49
		Zn	AOAC 999.11							
<u>1</u>	C12			1.7419	25	1	0.0684	0.00	0.98	0.98
<u>2</u>	C22			1.7262	25	1	0.0732	0.00	1.06	1.06
<u>3</u>	C32			1.6480	25	1	0.0511	0.00	0.78	0.78
<u>4</u>	C42			1.6414	25	1	0.0588	0.00	0.90	0.90
<u>5</u>	C52			1.7396	25	1	0.0778	0.00	1.12	1.12