

(19)



(12)

(10)

(45)

(21) 201710557275.9

*B01J 35/02* (2006.01)

(22) 2017.07.10

*C02F 1/32* (2006.01)

(65)

*C02F 101/30* (2006.01)

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(54)

Bi PO<sub>4</sub>

(57)

Bi PO<sub>4</sub>

Bi <sub>2</sub>O<sub>2</sub>CO<sub>3</sub>

A

NaH<sub>2</sub>PO<sub>4</sub>•2H<sub>2</sub>O

B

B

A

Bi <sub>2</sub>O<sub>2</sub>CO<sub>3</sub> NaH<sub>2</sub>PO<sub>4</sub>•2H<sub>2</sub>O

1: 3

180

12

i

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1.		Bi PO <sub>4</sub>				1
Bi <sub>2</sub> O <sub>2</sub> CO <sub>3</sub>			A	2	NaH <sub>2</sub> PO <sub>4</sub> ·2H <sub>2</sub> O	
	B 3	B	A		Bi <sub>2</sub> O <sub>2</sub> CO <sub>3</sub>	NaH <sub>2</sub> PO <sub>4</sub> ·
2H <sub>2</sub> O	1: 3				180	12
						60
12			6-7 μ m		Bi PO <sub>4</sub>	
Bi PO <sub>4</sub>						

## B 4

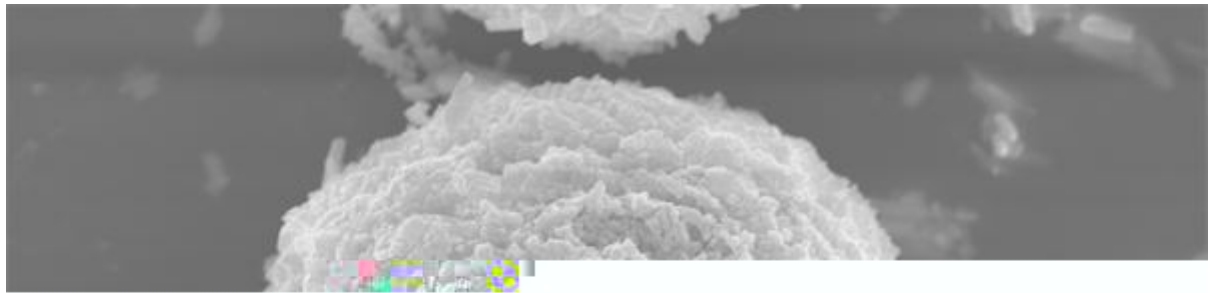
0001			Bi PO <sub>4</sub>		
			Bi PO <sub>4</sub>		
0002					
0003	Bi PO <sub>4</sub>		Bi PO <sub>4</sub>		P25
			Bi PO <sub>4</sub>		
0004			Bi PO <sub>4</sub>		Bi PO <sub>4</sub>
			B		Bi PO <sub>4</sub>
0005					Bi PO <sub>4</sub>
			Bi PO <sub>4</sub>		
0006					Bi PO <sub>4</sub>
				1	Bi <sub>2</sub> O <sub>2</sub> CO <sub>3</sub>
	A 2	NaH <sub>2</sub> PO <sub>4</sub> ·2H <sub>2</sub> O			B 3
	A		Bi <sub>2</sub> O <sub>2</sub> CO <sub>3</sub>	NaH <sub>2</sub> PO <sub>4</sub> ·2H <sub>2</sub> O	1: 3
		180	12		
			60	12	
μ m	Bi PO <sub>4</sub>			Bi PO <sub>4</sub>	6-7
0007				Bi PO <sub>4</sub>	
0008	1	1	Bi PO <sub>4</sub>		FESEM
0009	2	1	Bi PO <sub>4</sub>		XRD
0010	3	1	Bi PO <sub>4</sub>		UV-Vi s DRS

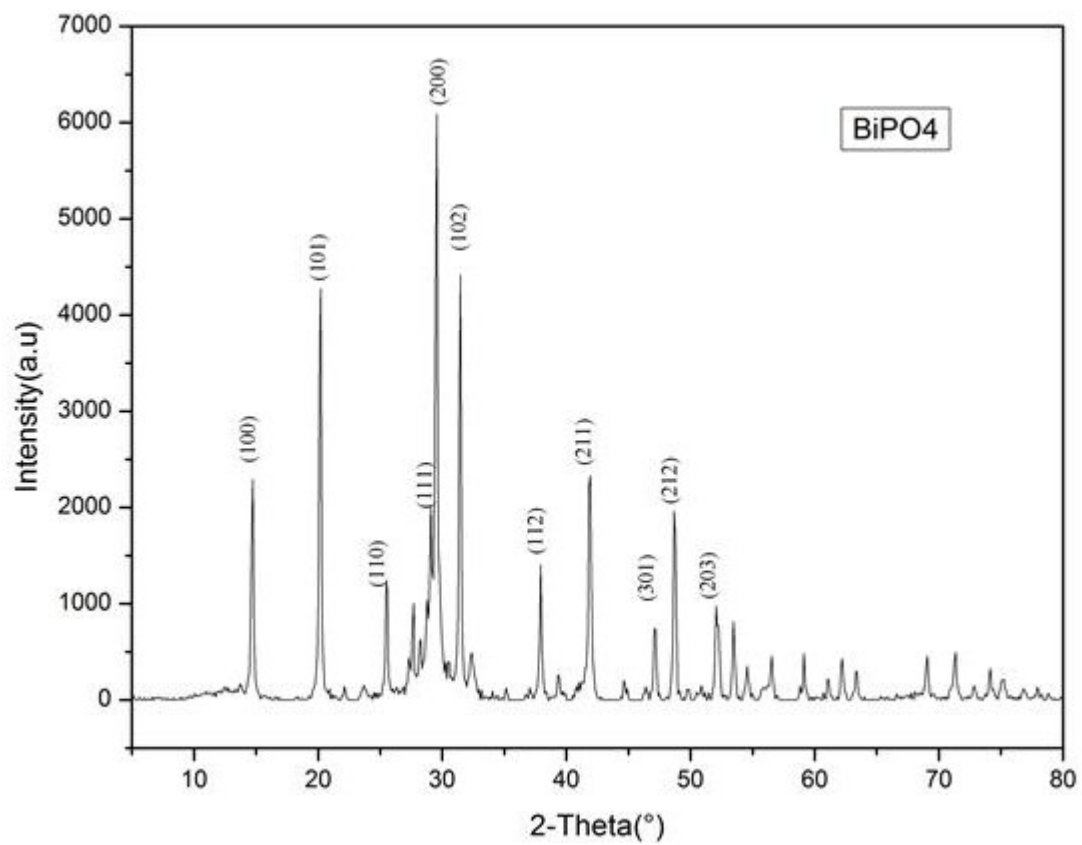
0011	4	1	Bi PO <sub>4</sub>	EDS	
0012	5	1	Bi PO <sub>4</sub>	PL	
0013	6	1	Bi PO <sub>4</sub>		B
0014	7	1	Bi PO <sub>4</sub>		B

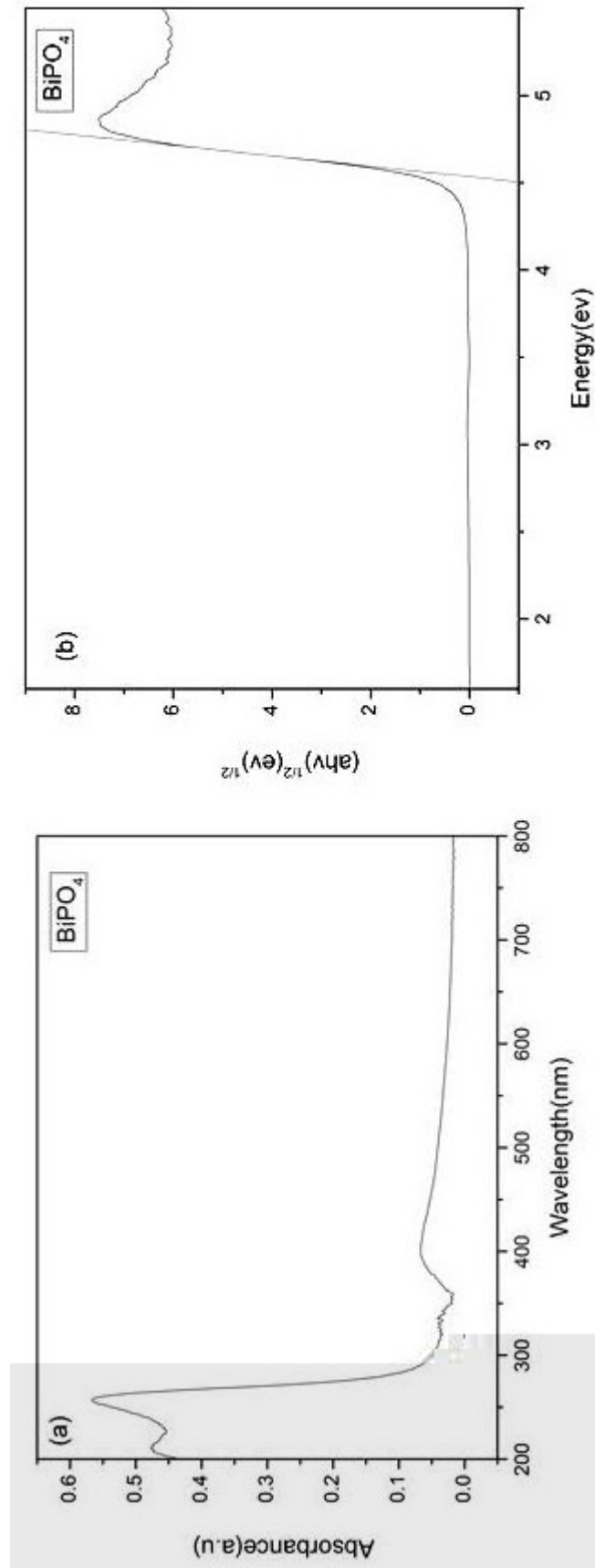
0015

0016	1				
0017	Bi PO <sub>4</sub>			1	1.0mmol
40mL O					Bi <sub>2</sub> O <sub>2</sub> CO <sub>3</sub>

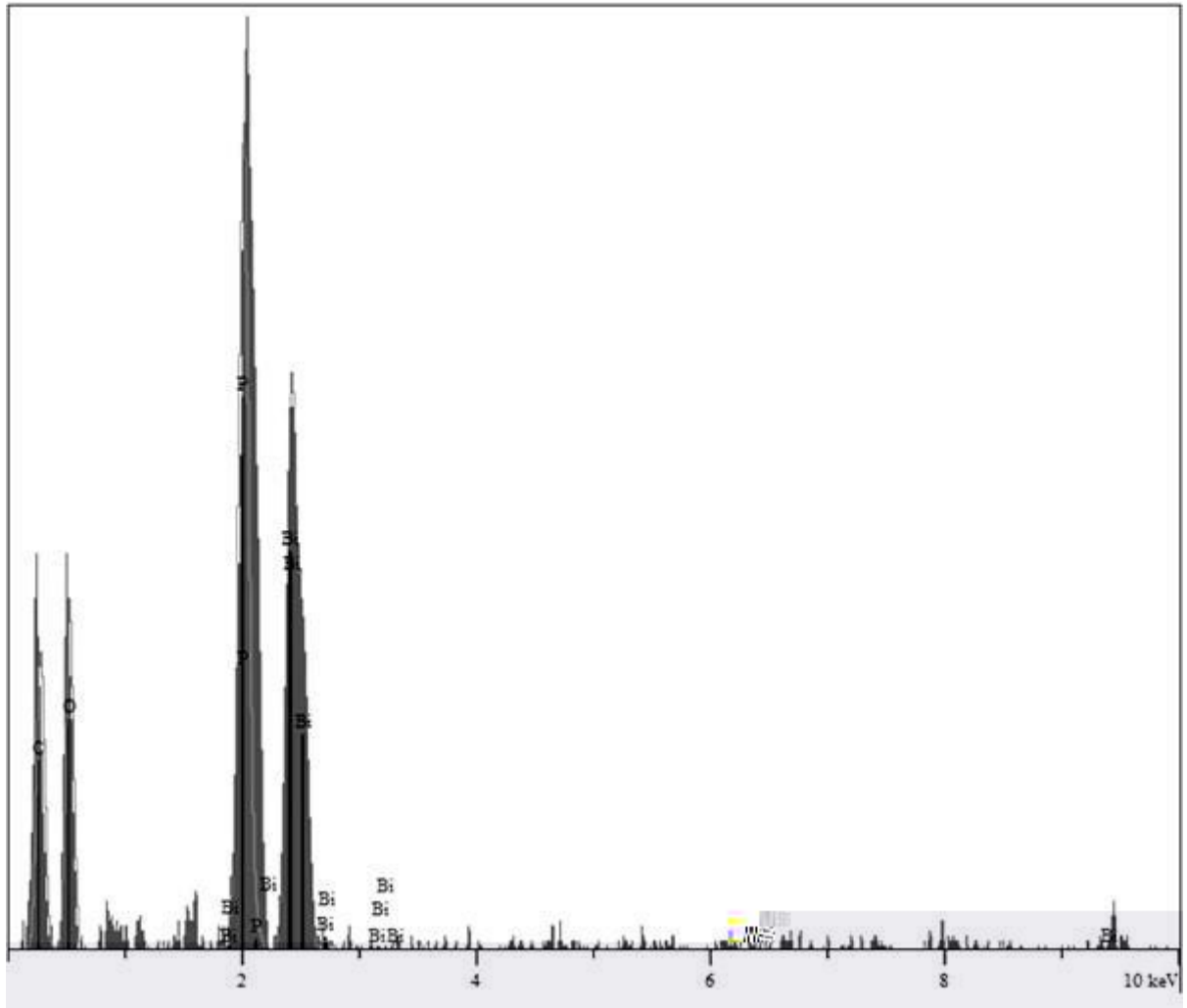


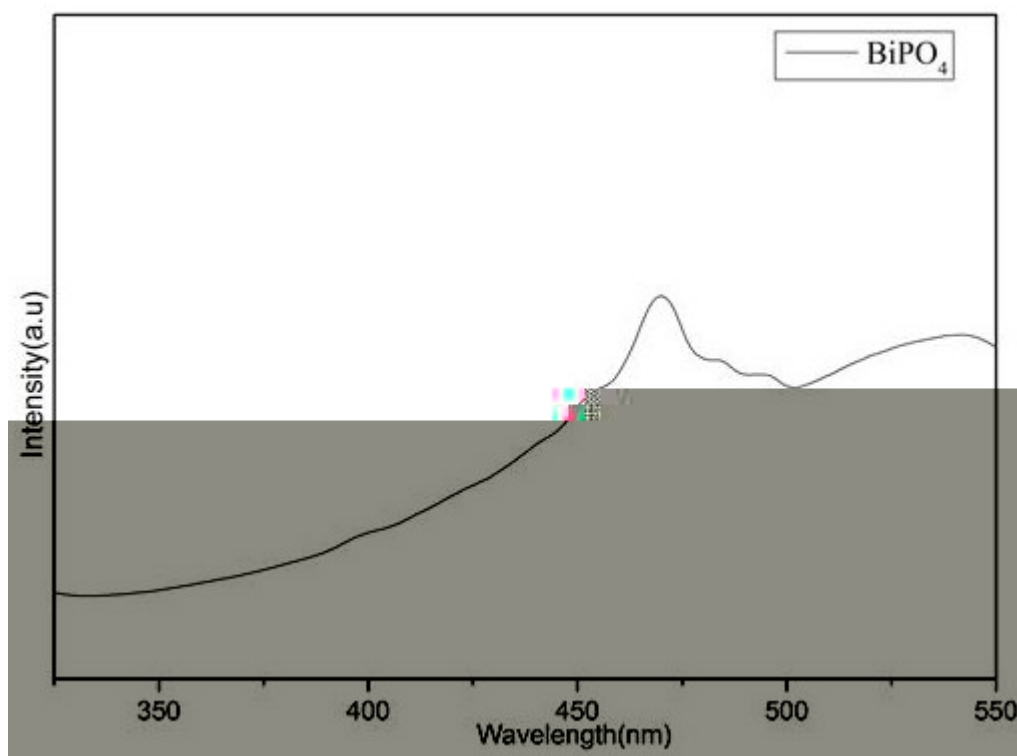




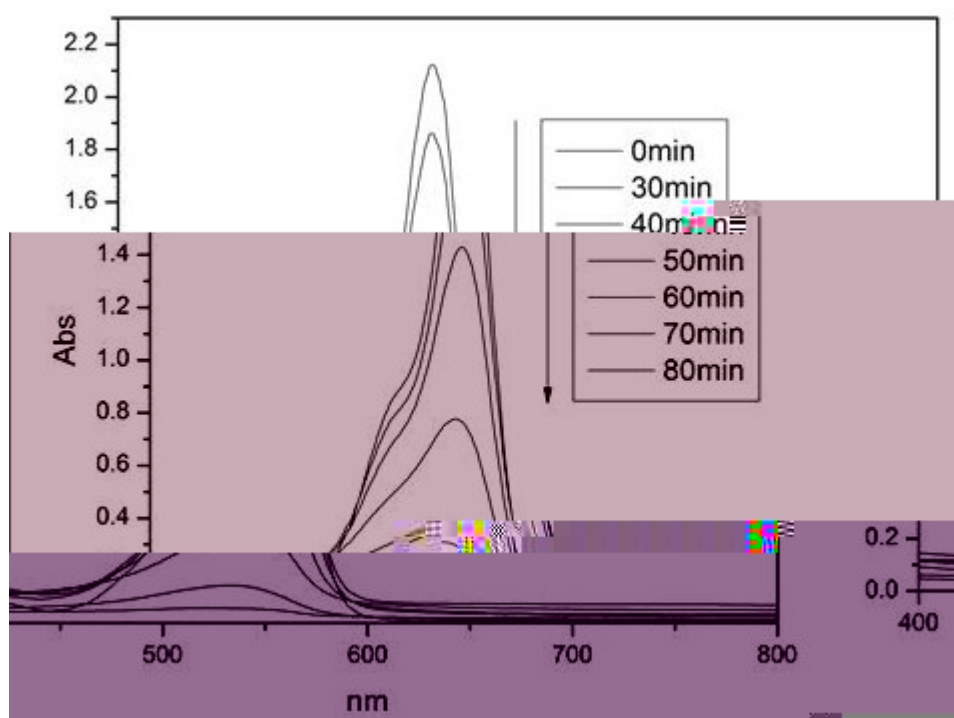








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