

**SHS**

**BaFe<sub>12</sub>O<sub>19</sub>**

**Fe/Ba=**

\*

- - - - -  
( / / / / )

SHS

SHS

Fe<sub>2</sub>O<sub>3</sub>  
SHS

DTA/TGA

/ emu/g / kOe

°C

μm

°C

SHS

Fe/Ba

°C

SHS

SEM

M

(M = Ba, Sr)MO.6Fe<sub>2</sub>O<sub>3</sub>

$\frac{Fe}{Ba(Sr)}$

( )

$\frac{Fe}{Ba}$

°C

Elwin

[ ]

[ ]

SHS

°C

[ ]

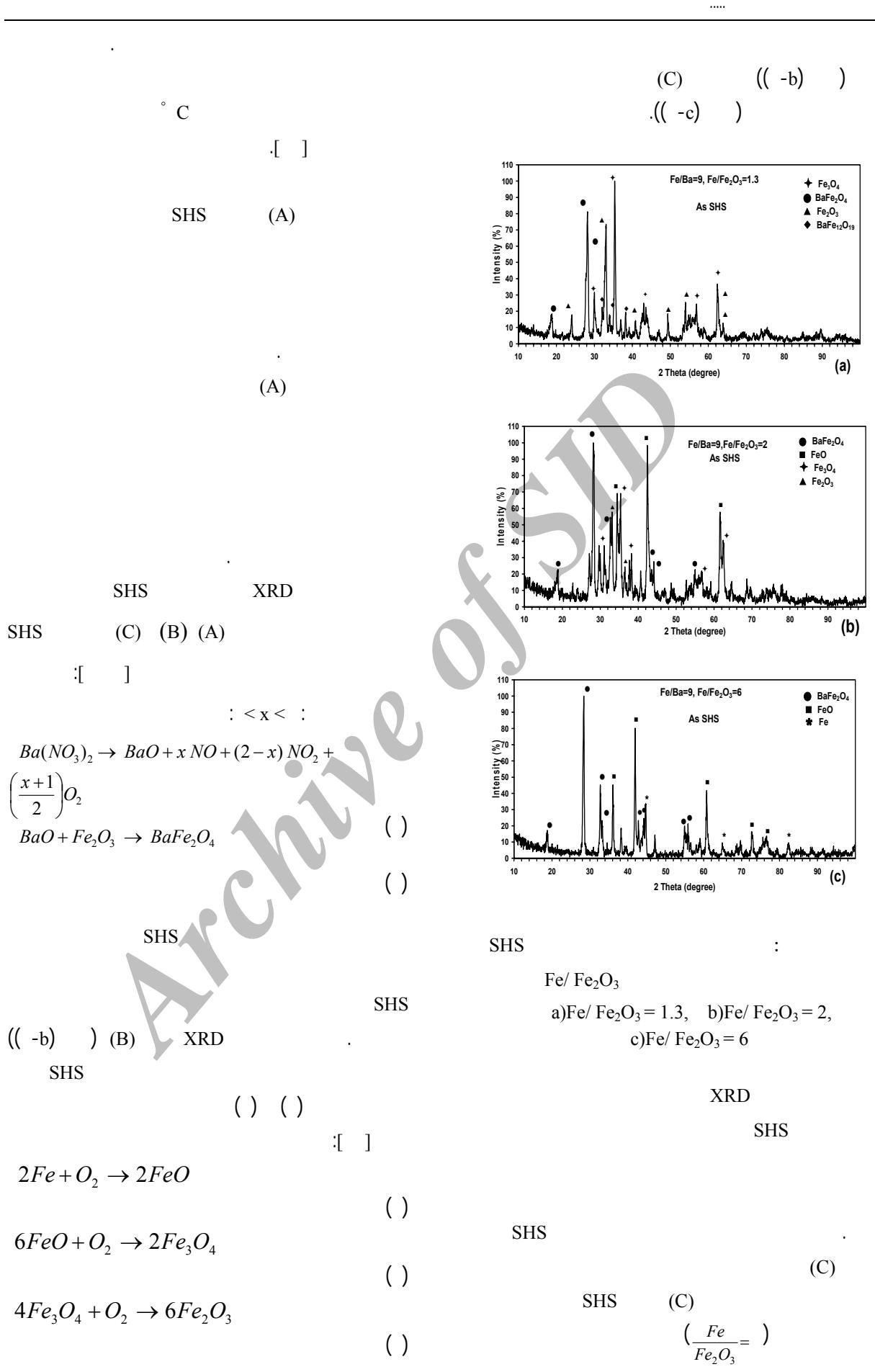
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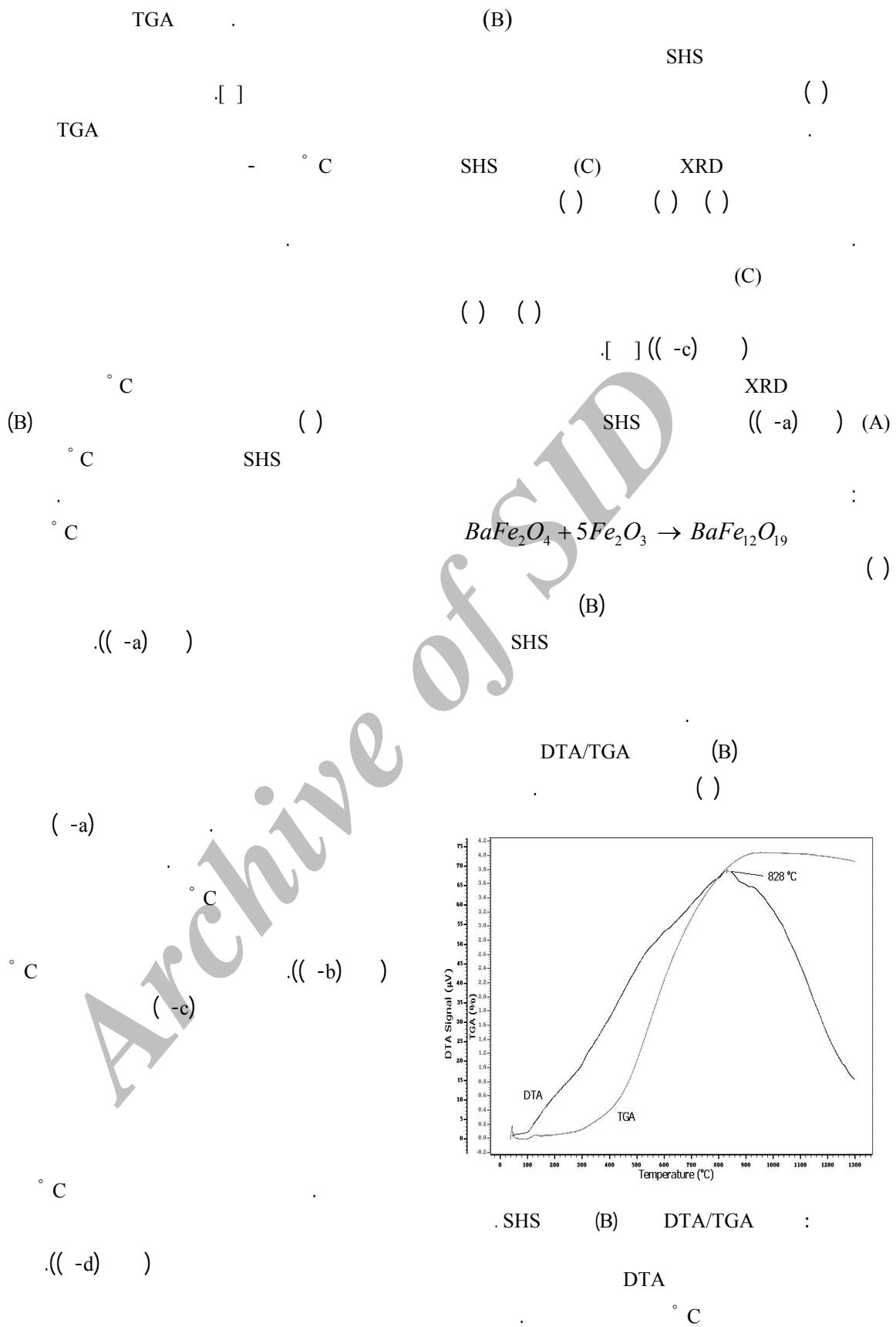
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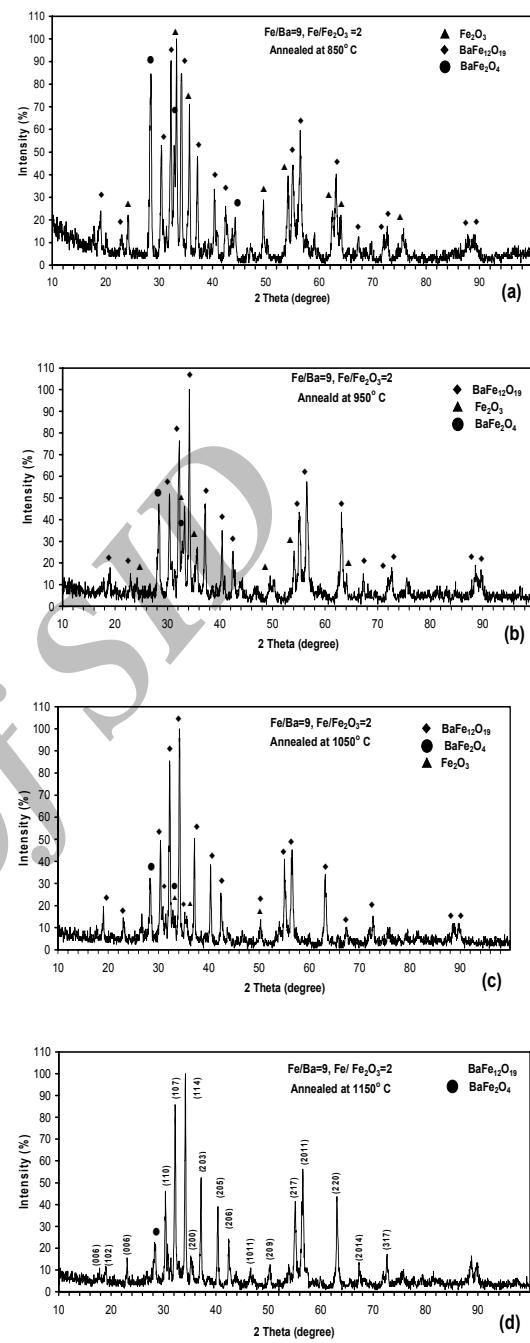
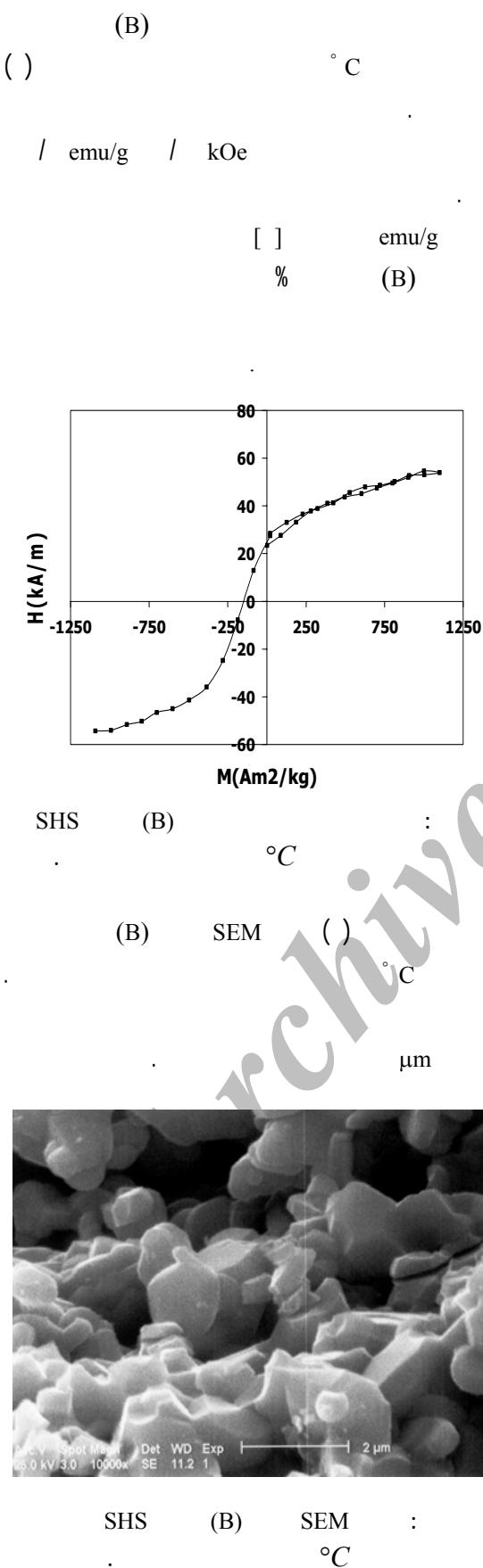
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SHS

° C

° C

Fe/Ba

(B)

° C

$$\frac{Fe}{Fe_2O_3} =$$

° C

(B)

/ emu/g / kOe

SHS

$$\frac{Fe}{Fe_2O_3} =$$

SHS

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- 1 - Self-propagating High temperature Synthesis  
2 - Vibrating Sample Magnetometry  
3 - Magnetization Curve  
4 - Coercivity  
5 - Saturation Magnetization