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Jurnal Sains dan Kesehatan

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Abstract

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The part of method not copied directly from thesis.

Method is collection work from implementation of research, start from implementation ways of data recruitment until data analysis.

3 Result and Discussion

The content of result and discussion made in one unified whole. Result is not raw data, however using data which was processed/analysed with method was setting. Discussion is result comparison that obtained with concept/theory already exist.

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Table line only horizontal line be allowed. Table number using numbering Arabic number 1,2,3, and so on, Times New Roman font, 12 pt, 1 space, see right samples on Table 1 and Table 2. Whereas, table not suitable with format could be seen on Table 3.

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Example Figure not accepted on Jurnal Sains dan Kesehatan could be seen on Figure 6.

Figure 6 could be modified become Figure can be accepted on Jurnal Sains dan Kesehatan like as Figure 7.

Table 1 Example Table suitable with Jurnal Sains dan Kesehatan Format

Sample	Content (%)				
	Carbohydrate	Protein	Lipid acid	Vitamin	Water
1	Value	Value	Value	Value	Value
2	Value	Value	Value	Value	Value
3	Value	Value	Value	Value	Value
4	Value	Value	Value	Value	Value
And soon	Value	Value	Value	Value	Value

Table 2 The result of study X-ray diffraction and BIMEVOX neutron as temperature function.

No.	Oxide	Transition Temperature	Transition Phase	References
1.	BICOVOX	507 °C	$\gamma - \gamma'$	[8]
2.	BICEVOX	550 °C	$\beta - \gamma$	[9]
3.	BIHFVOX	400 °C	$\beta - \gamma$	[10]
4.	BIGAVOX	525 °C	$\beta - \gamma$	[11]

Table 3 Example Table will not accept in Jurnal Sains dan Kesehatan

Sample	Content (%)				
	Carbohydrate	Protein	Lipid Acid	Vitamin	Water
1	Value	Value	Value	Value	Value
2	Value	Value	Value	Value	Value
3	Value	Value	Value	Value	Value
4	Value	Value	Value	Value	Value
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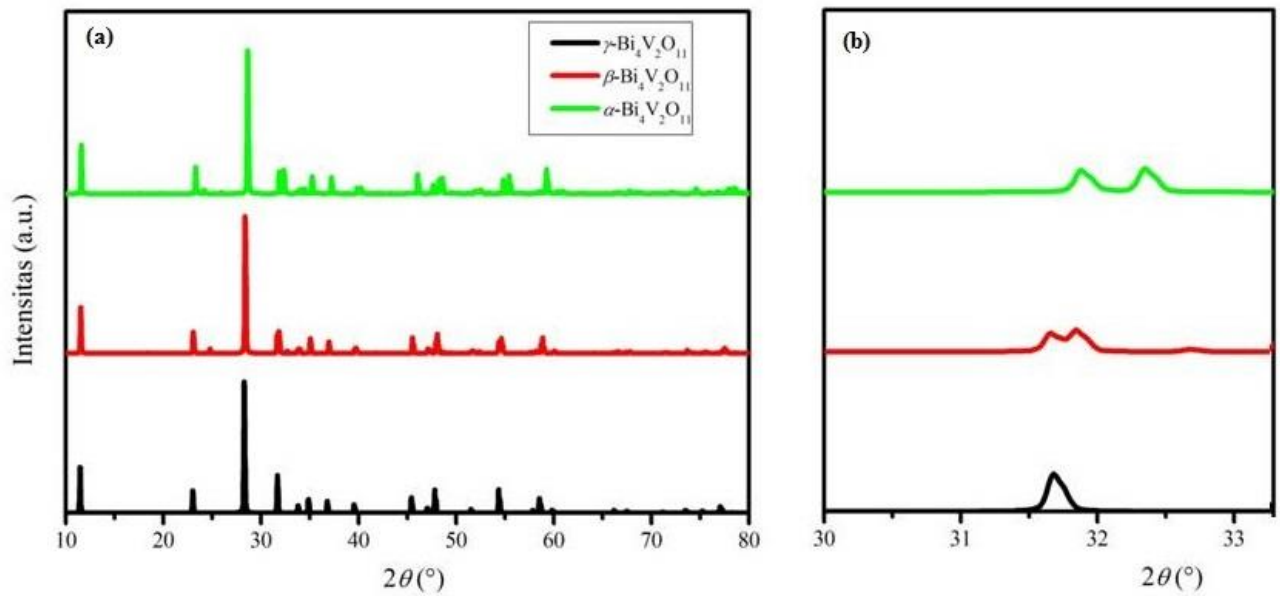


Figure 1 Pattern of X-ray diffraction polymorph oxide BIVOX on angle 2θ (a) 10-80° and (b) 30-33°. Specific peaks of diffraction polymorph α is on 2θ 31,7 and 32,32°, specific peaks of polymorph β is on 2θ 31,6 and 31,8°; whereas specific peak of polymorph γ is on 2θ 31,6°. Taken from [12].

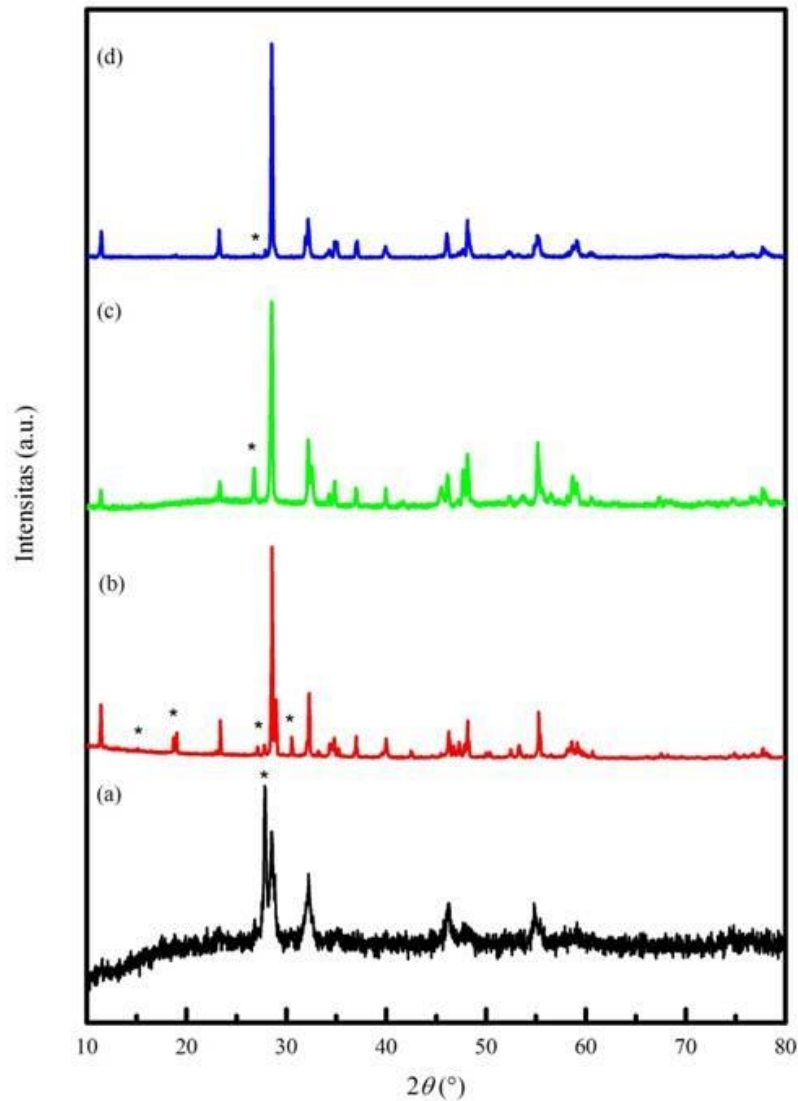


Figure 2 Pattern of oxide diffraction as synthesis result with using sol gel method on various condition that burned on temperature 800 °C, (a) ratio between citric acid as chelating and total mol of metal cation was used is 1 : 1 as well as pH 7, (b) ratio between citric acid as chelating and total mol of metal cation was used is 1 : 1 as well as pH 1-3, (c) ratio between citric acid as chelating and EDTA, (d) ratio between citric acid as chelating and ethylene glycol as well as total mol of cation as 1:1:1 in acid pH condition. Sign * showing some peaks besides BIMEVOX phase.

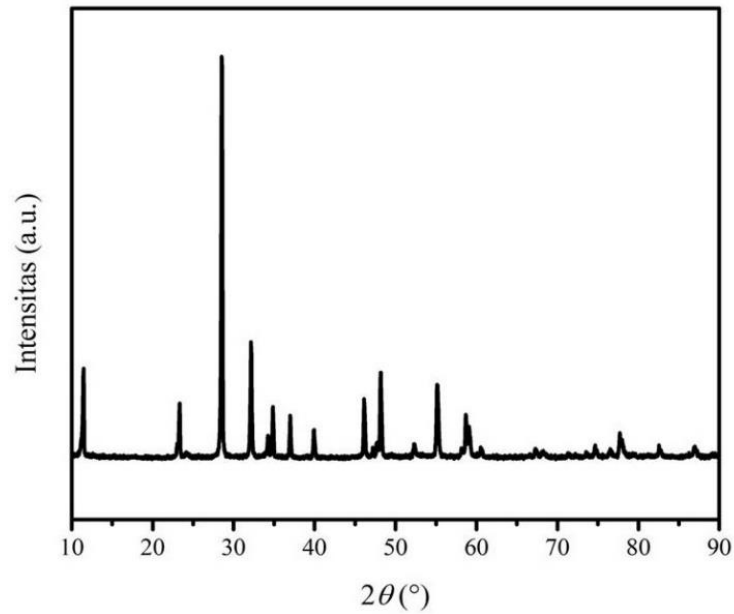


Figure 3 Pattern of X-ray diffraction of oxide powder $\text{Bi}_2\text{Zn}_{0,1}\text{V}_{0,9}\text{O}_{5,35}$ that synthesized by using sol gel method with citric acid as chelating and ethylene glycol, with ratio against mol cation total 10:4:1, obtained gel burned in temperature 600 °C.

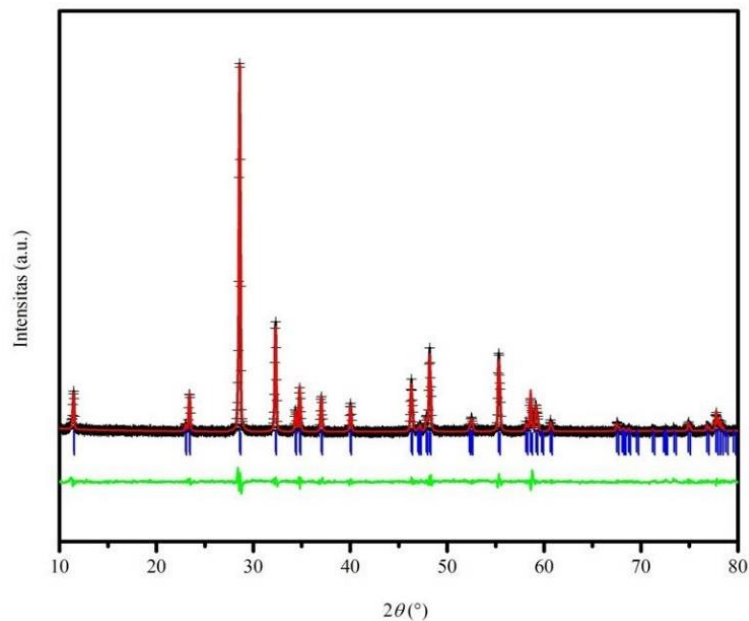


Figure 4 Plot of refinement result of pattern X-ray diffraction of oxide powder $\text{Bi}_2\text{Zn}_{0,1}\text{V}_{0,9}\text{O}_{5,35}$ after burned on temperature 600 °C during 24 hours. Sign + with black colour is data observation of result X-ray diffraction, red lines are calculation result, blue vertical lines are Bragg position would be expected, green lines are differences between calculation result and data observation of X-ray diffraction (differences between sign + black coloured and red lines).

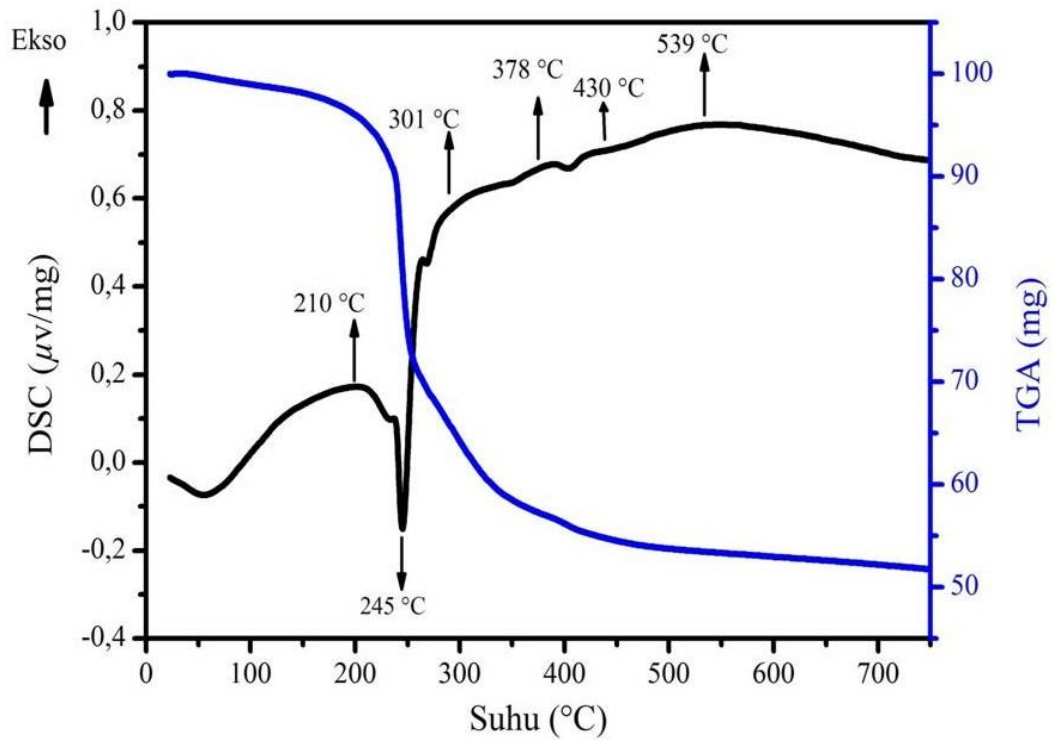


Figure 5 Thermogram of analysis result of thermal gel precursor from $\text{Bi}_2\text{Zn}_{0,1}\text{V}_{0,9}\text{O}_{5,35}$. Measurement carried out from room temperature until 750 °C by using increasing temperature rate 10 °C/minute and nitrogen atmosphere with flow rate 20 mL/minute.

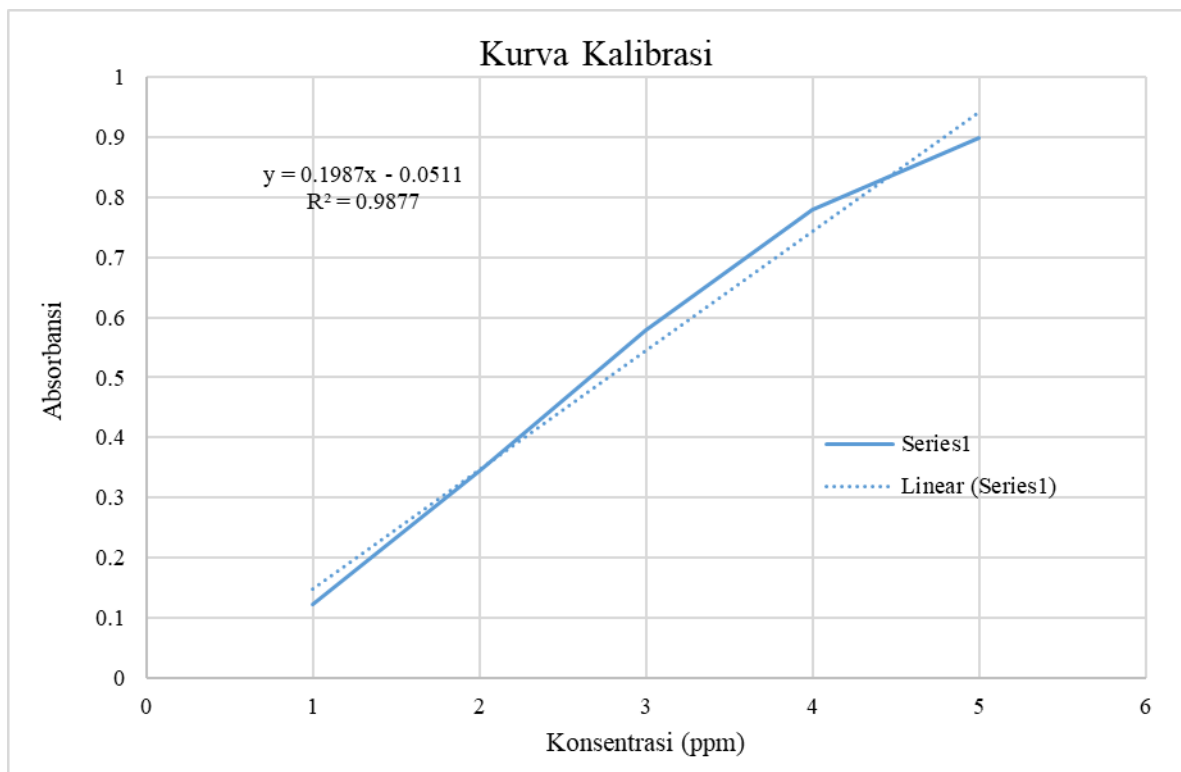


Figure 6 Example Figure not accepted Jurnal Sains dan Kesehatan

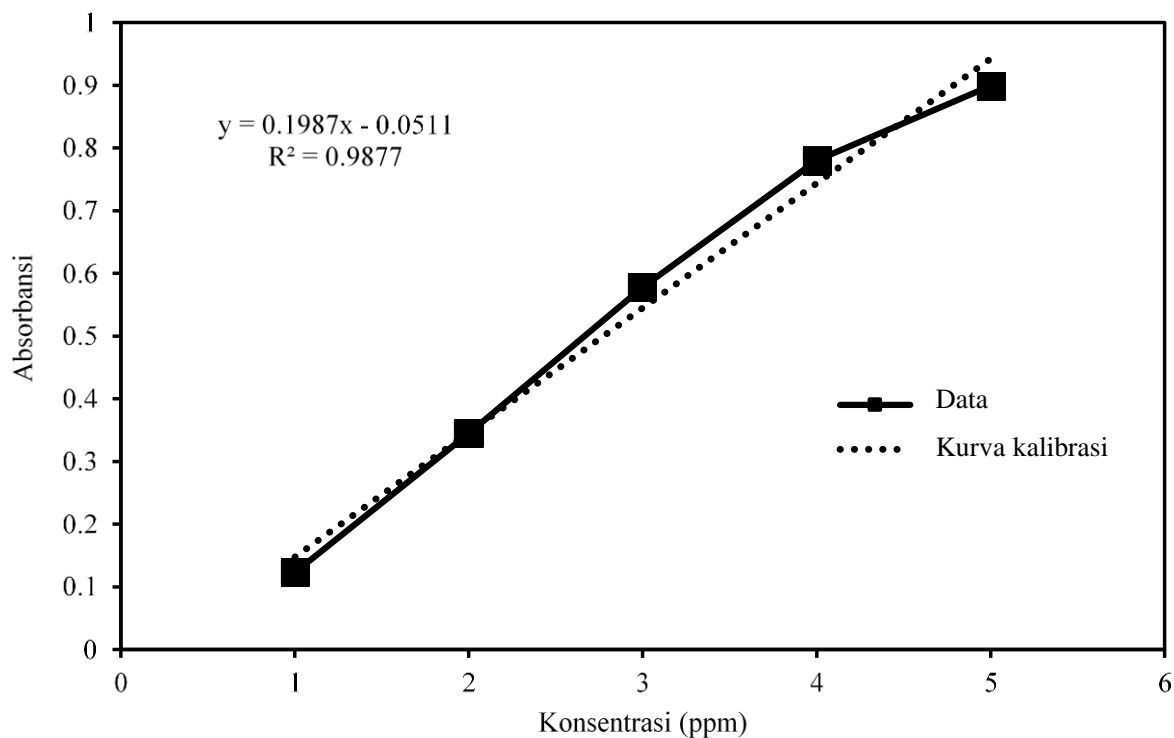


Figure 7 Figure of modification result from Figure 6, so that can be accepted by Jurnal Sains dan Kesehatan

4 Conclusion

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