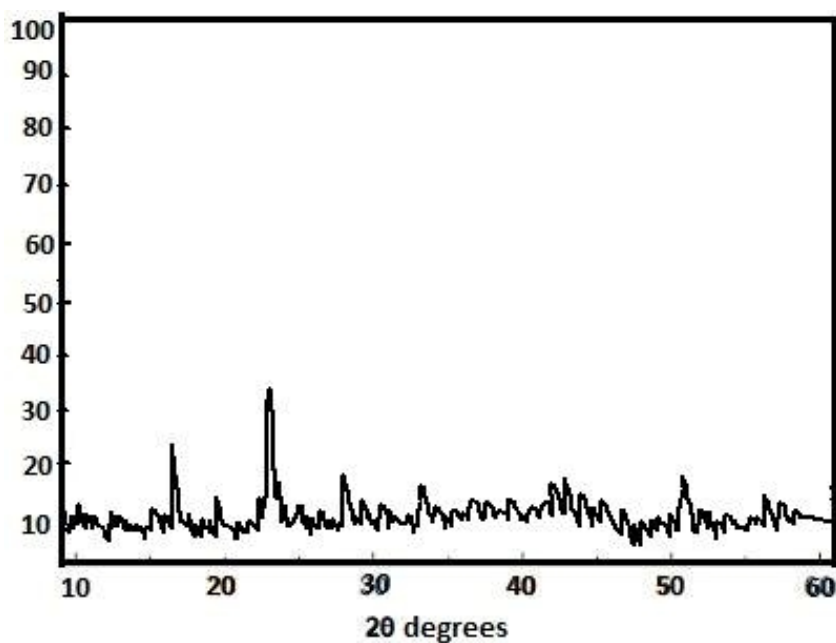


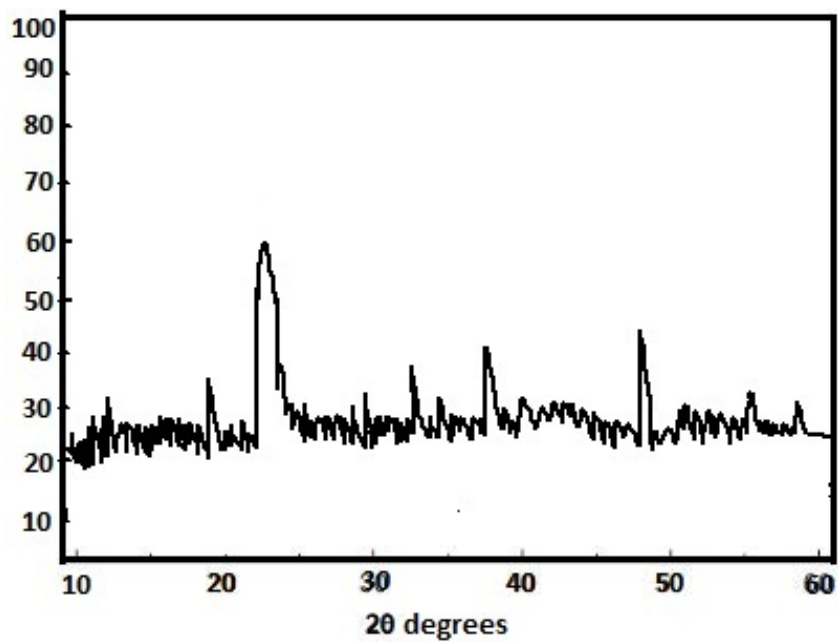
**LAMPIRAN I
DATA PENGAMATAN**

Tabel 8. Hasil Analisa XRD (*X-Ray Diffraction*) Temperatur 180°C

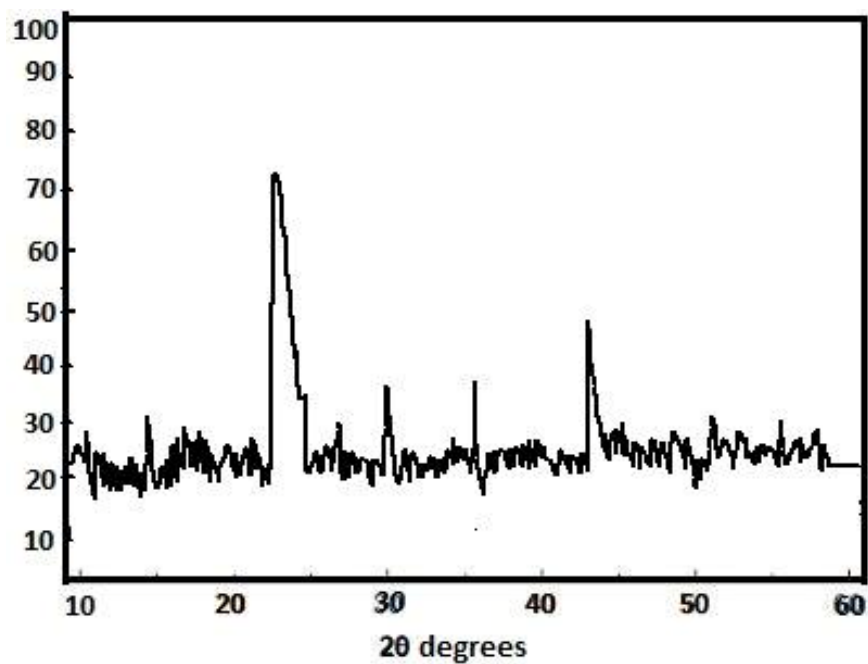
Perbandingan Rasio Mol (T = 180 °C)		Tingkat Kristalinitas
SiO ₂ (Mol)	Al ₂ O ₃ (Mol)	(%)
30	1	34,5
35	1	51,3
40	1	60
45	1	70,3
50	1	72,6



(a)



(b)

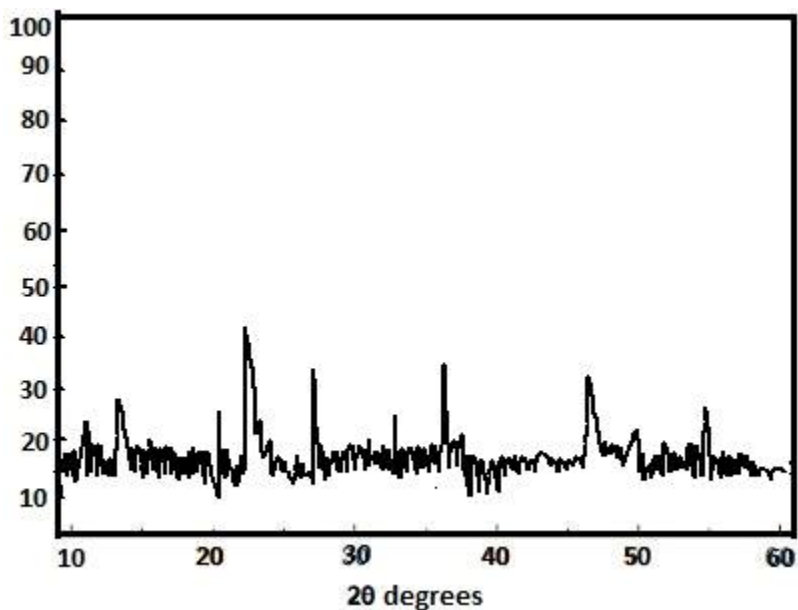


(c)

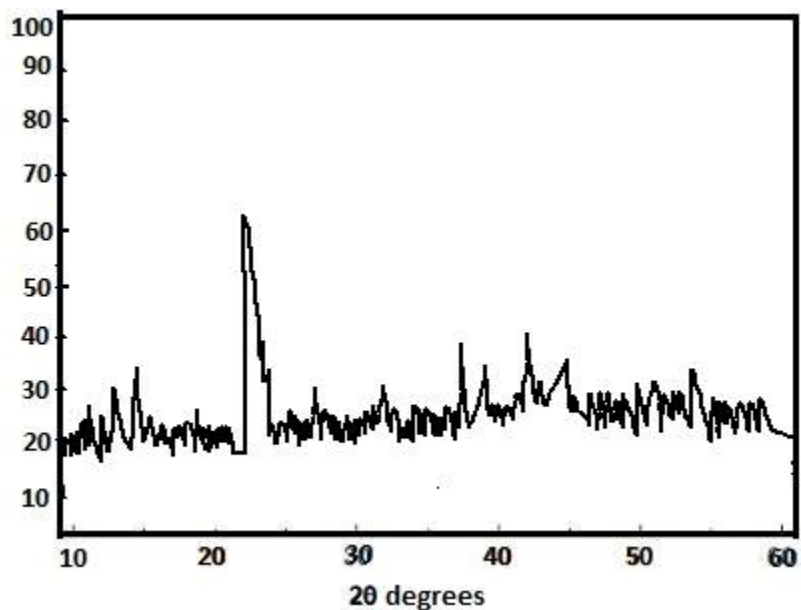
Gambar 13. Spektrum XRD (a) $\text{SiO}_2/\text{Al}_2\text{O}_3 = 30$; (b) $\text{SiO}_2/\text{Al}_2\text{O}_3 = 40$; (c) $\text{SiO}_2/\text{Al}_2\text{O}_3 = 50$ pada Temperatur 180°C selama 24 jam

Tabel 9. Hasil Analisa XRD (X-Ray Diffraction) Temperatur 200°C

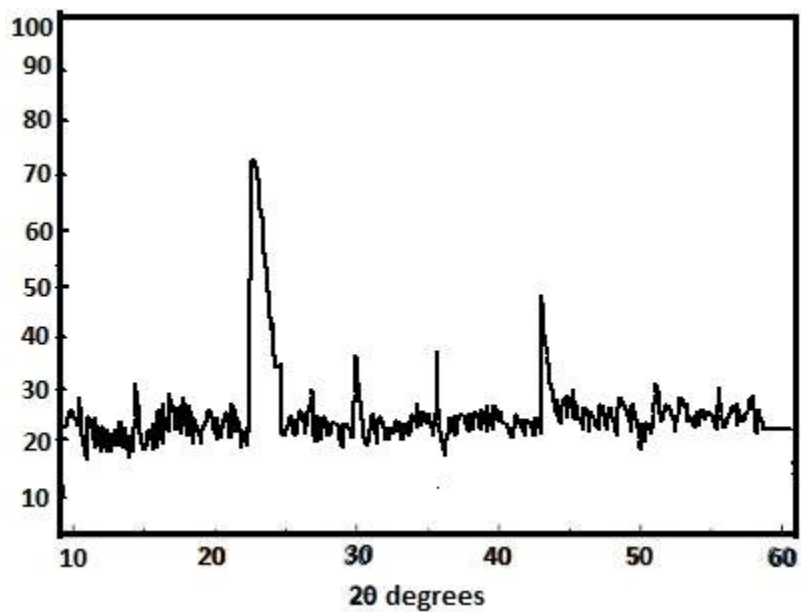
Perbandingan Rasio Mol (T = 200°C)		Tingkat kristalinitas (%)
SiO ₂ (Mol)	Al ₂ O ₃ (Mol)	
30	1	41
35	1	52,75
40	1	64,5
45	1	69,3
50	1	74



(a)



(b)

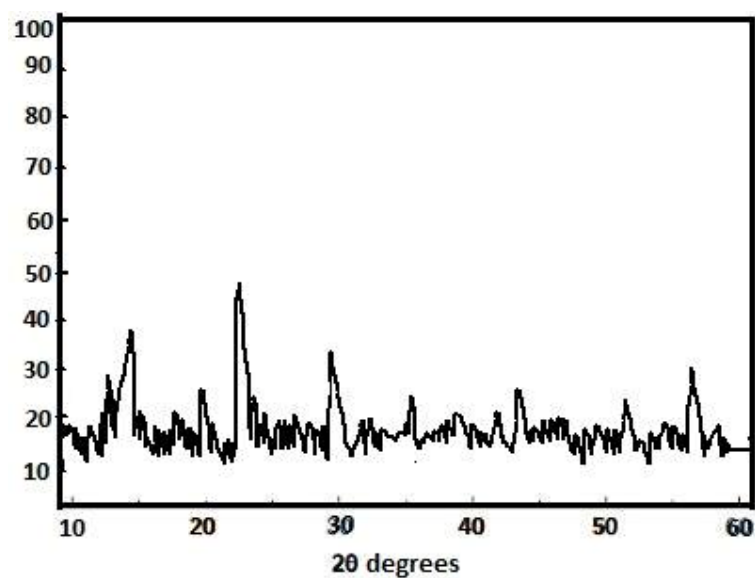


(c)

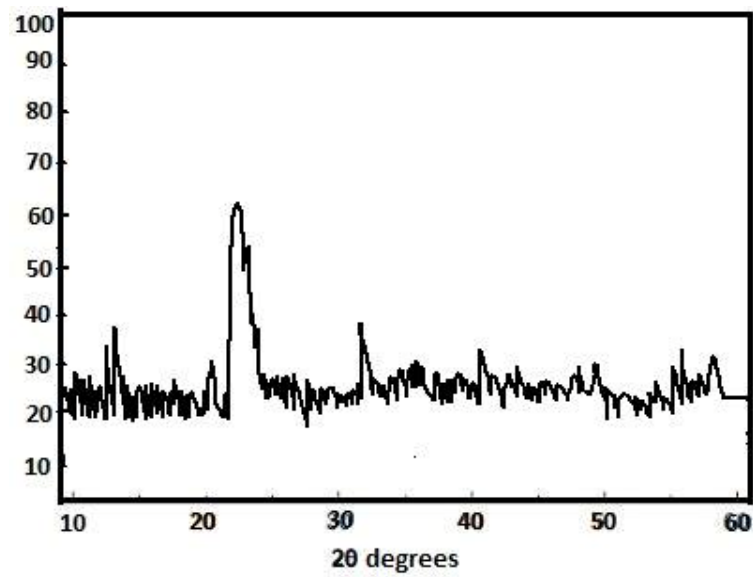
Gambar 14. Spektrum XRD (a) $\text{SiO}_2/\text{Al}_2\text{O}_3 = 30$; (b) $\text{SiO}_2/\text{Al}_2\text{O}_3 = 40$; (c) $\text{SiO}_2/\text{Al}_2\text{O}_3 = 50$ pada Temperatur 200°C selama 24 jam

Tabel 10. Hasil Analisa XRD (*X-Ray Diffraction*) Temperatur 220°C

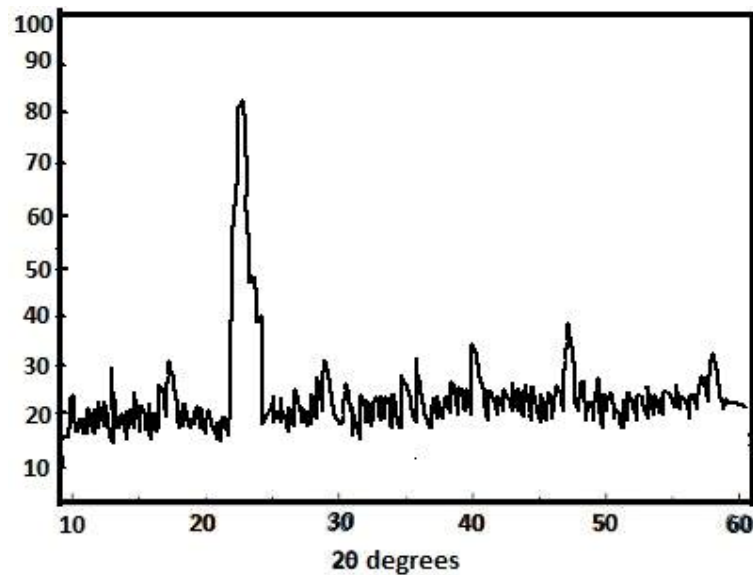
Perbandingan Rasio Mol (T = 220°C)		Tingkat Kristalinitas
SiO ₂ (Mol)	Al ₂ O ₃ (Mol)	(%)
30	1	49,9
35	1	56,9
40	1	65,5
45	1	72,9
50	1	82



(a)



(b)



(c)

Gambar 15. Spektrum XRD (a) $\text{SiO}_2/\text{Al}_2\text{O}_3 = 30$; (b) $\text{SiO}_2/\text{Al}_2\text{O}_3 = 40$; (c) $\text{SiO}_2/\text{Al}_2\text{O}_3 = 50$ pada Temperatur 220°C selama 24 jam