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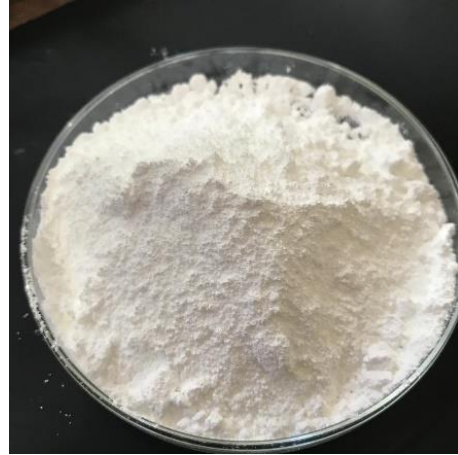
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## LAMPIRAN

### Lampiran 1. Dokumentasi Penelitian



(a)



(b)



(c)



(d)

**Gambar 1.** Bahan penelitian (a) kitosan, (b) seng oksida, (c) natrium hidroksida, dan (d) kain wol



**Gambar 2.** Sintesis komposit ZnO/kitosan



**Gambar 3.** Serbuk ZnO/kitosan



## Lampiran 2. Analisis Data

**Tabel 1.** Analisis data XRD untuk ukuran kristal komposit ZnO/kitosan

	<b>2<math>\theta</math>(<math>^{\circ}</math>)</b>	<b><math>\theta</math>(<math>^{\circ}</math>)</b>	<b><math>\theta</math>(rad)</b>	<b>FWHM (<math>^{\circ}</math>)</b>	<b>FWHM (rad)</b>	<b>D (nm)</b>
<b>Komposit ZnO/Kitosan pH 5</b>	36.45	18.22	0.32	0.32	0.01	26.16
	31.97	15.98	0.28	0.31	0.01	26.25
	34.62	17.31	0.30	0.32	0.01	26.33
	56.76	28.38	0.49	0.35	0.01	25.89
	63.01	31.50	0.55	0.36	0.01	26.01
	47.72	23.86	0.42	0.33	0.01	26.14
	<b>Rata-rata</b>					
<b>Komposit ZnO/Kitosan pH 7</b>	36.72	18.36	0.32	0.42	0.01	19.71
	32.25	16.12	0.28	0.44	0.01	18.78
	34.88	17.44	0.30	0.43	0.01	19.36
	57.00	28.50	0.50	0.49	0.01	18.52
	63.28	31.64	0.55	0.43	0.01	21.89
	47.99	24.00	0.42	0.42	0.01	20.46
<b>Rata-rata</b>						<b>19.79</b>
<b>Komposit ZnO/Kitosan pH 9</b>	36.79	18.39	0.32	0.45	0.01	16.82
	32.35	16.18	0.28	0.53	0.01	14.33
	57.05	28.53	0.50	0.53	0.01	13.07
	34.95	17.48	0.31	0.45	0.01	16.86
	63.34	31.67	0.55	0.46	0.01	14.57
	48.05	24.03	0.42	0.47	0.01	15.51
	19.56	9.78	0.17	0.51	0.01	15.74
<b>Rata-rata</b>						<b>15.27</b>