

LAMPIRAN I  
(DATA PENGAMATAN)

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Tabel 15. Data Analisis Kadar Air Serat

Konsentrasi Pelarut (NaOH)	Berat (gr)			Kadar Air (%)
	Cawan + Sampel (Sebelum)	Cawan + Sampel (Sesudah)	Cawan	
0 %	58,4047	56,8724	54,8082	42,6053
1%	80,3768	80,0971	75,6756	5,9495
3%	58,9900	58,7072	54,34	6,0817
5%	57,32	57,08	54,42	8,2758

Tabel 16. Data Analisis Kadar Selulosa

Konsentrasi Pelarut (NaOH)	Berat (gr)					Kadar %		
	Sampel	a	b	c	d	Hemiselulosa	Selulosa	Lignin
0 %	1,3896	1,0700	0,8974	0,3169	0,1760	12,4208	51,9142	10,1396
1%	1,0388	1,0352	0,8279	0,4128	0,3800	19,9557	43,1171	3,1575
3%	1,5000	1,4131	1,0224	0,2276	0,1883	26,0467	55,6067	2,6200
5%	1,4000	2,2576	2,0022	0,8379	0,7745	18,2429	87,6929	4,5286

Tabel 17. Data Analisis Kerapatan

Sampel Uji (Komposit)	Berat Sampel (gr)			Volume Sampel (cm <sup>3</sup> )			Kerapatan Sampel (gr/cm <sup>3</sup> )		
	1	2	3	1	2	3	1	2	3
0% NaOH	6,82	6,29	6,55	7,7139	7,6851	8,3969	0,884117	0,81847	0,780052
1% NaOH	6,35	6,18	6,47	8,3883	9,2337	8,0720	0,757006	0,669287	0,801539
3% NaOH	6,75	6,27	6,30	8,9254	8,4230	8,1586	0,756264	0,744387	0,772188
5% NaOH	6,64	6,35	6,18	9,4010	8,2631	8,4091	0,706308	0,768479	0,734922

Tabel 18. Data Pengamatan Analisis Pengembangan Tebal

Sampel Uji (Serat)	Tebal Awal (cm)			Tebal Akhir (cm)			Pengembangan Tebal Rata- Rata (%)
	1	2	3	1	2	3	
0% NaOH	0,5539	0,553	0,5515	0,5565	0,5537	0,5539	0,3425
1% NaOH	0,5639	0,5894	0,592	0,5635	0,5928	0,5955	0,3710
3% NaOH	0,6095	0,5803	0,5978	0,612	0,5851	0,5999	0,5231
5% NaOH	0,5743	0,545	0,5499	0,5759	0,5465	0,5500	0,1913

Tabel 19. Data Pengamatan Analisis Daya Serap Air

Sampel Uji (Serat)	Berat Awal (gr)			Berat Akhir (gr)			Daya Serap Air (%)			Daya Serap Air Rata-Rata (%)
	Sampel			Sampel			Sampel			
	1	2	3	1	2	3	1	2	3	
0% NaOH	6,82	6,29	6,55	6,98	6,45	7,26	2,2923	2,4806	9,7796	5,2931
1% NaOH	6,35	6,18	6,47	6,51	6,73	6,68	2,4578	8,1724	3,1437	4,8421
3% NaOH	6,75	6,27	6,30	7,25	6,48	6,45	6,8966	3,2407	2,3256	4,4513
5% NaOH	6,64	6,35	6,18	6,94	6,42	6,25	4,3228	1,0903	1,1200	2,2953