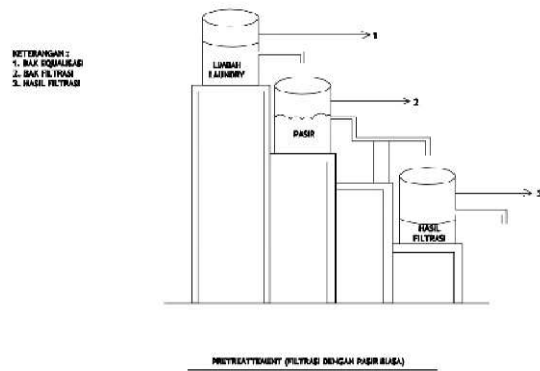


LAMPIRAN

Lampiran 1 proses pengolahan air limbah Laundry

Metode Pengolahan Koagulasi Dengan Filtrasi



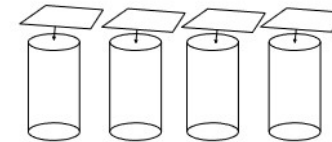
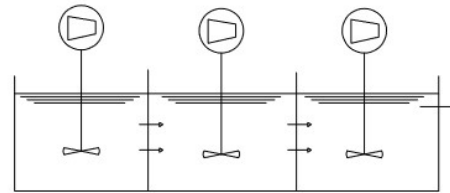
Filtrasi



Koagulasi



Penyaringan akhir



Lampiran 2 Dokumentasi Kegiatan Penelitian



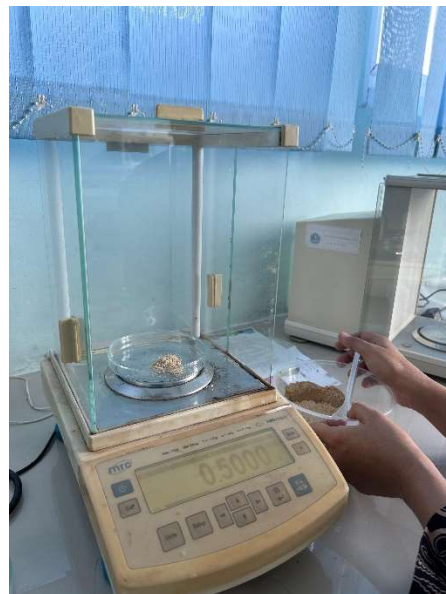
Pengovenan Biji Kelor dengan suhu 105°C selama 2 jam



Proses penggerusan biji kelor



Proses pengayakan serbuk biji kelor



Penimbangan serbuk Biji Kelor dosis 0,5 gram



Pencucian Pasir



Pemasangan alat filtrasi sederhana menggunakan galon Le Mineral



Filtrasi menggunakan media pasir



Air Limbah Laundry



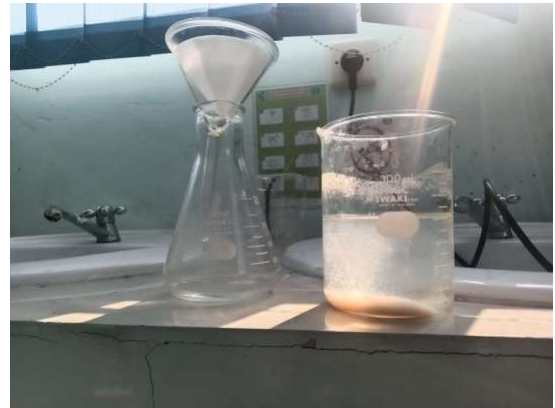
Pengambilan Sampel air limbah laundry



Hasil pengambilan sampel Filtrasi dan Pretest



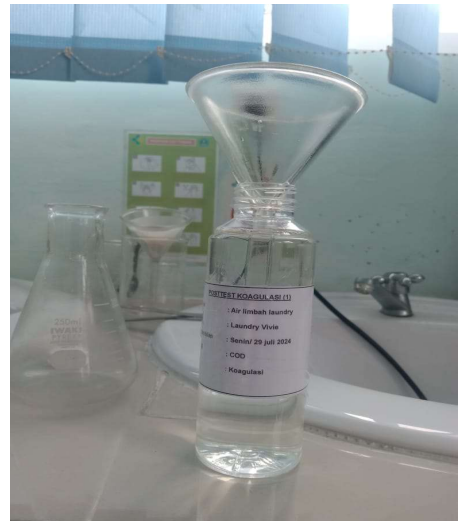
Pengadukan Limbah laundry dengan magnetic stirrer



Proses sedimentasi sampel selama 40 menit



Proses Penyaringan sampel menggunakan kertas saring



Sampel Koagulasi

Lampiran 3 Laporan Hasil Uji

1. Laporan Hasil Uji Koagulasi Dengan Filtrasi

No	Parameter	Satuan	Pengulangan	Hasil Sebelum Pengujian	Hasil Pengujian	Baku Mutu
1	COD	Mg/L	1	227,26	165,28	150
2	COD	Mg/L	2	227,26	140,49	150
3	COD	Mg/L	3	227,26	152,88	150
4	COD	Mg/L	4	227,26	152,88	150
5	COD	Mg/L	5	227,26	144,62	150
6	COD	Mg/L	6	227,26	144,62	150
7	COD	Mg/L	7	227,26	161,15	150
8	COD	Mg/L	8	227,26	157,02	150
9	COD	Mg/L	9	227,26	157,02	150

HASIL SPSS

Tests of Normality ^a							
	Kode hasil	Kolmogorov-Smirnov ^b			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
Hasil Pre Post	posttest	.175	9	.200*	.952	9	.709

*. This is a lower bound of the true significance.

a. Hasil Pre Post is constant when Kode hasil = Pre Test. It has been omitted.

b. Lilliefors Significance Correction

Wilcoxon

Test Statistics^a

	kelompok posttest
	perlakuan2 - kelompok
	pretest perlakuan 2
Z	-2.673 ^b
Asymp. Sig. (2-tailed)	.008

a. Wilcoxon Signed Ranks Test

b. Based on positive ranks.

Independen T Test

Group Statistics					
	Kelompok Perlakuan	N	Mean	Std. Deviation	Std. Error Mean
Hasil Perlakuan I dan II	Koagulasi Dengan Filtrasi	9	74.3756	8.26438	2.75479

Independent Samples Test

		Levene's Test for Equality of Variances		t-test for Equality of Means						95% Confidence Interval of the Difference	
		F	Sig.	t	df	Sig. (2- tailed)	Mean Difference	Std. Error Difference		Lower	Upper
Hasil Perlakuan	Equal variances assumed	4.585	.048	5.760	16	.000	30.76000	5.33986		19.44000	42.08000

