

7. LAMPIRAN

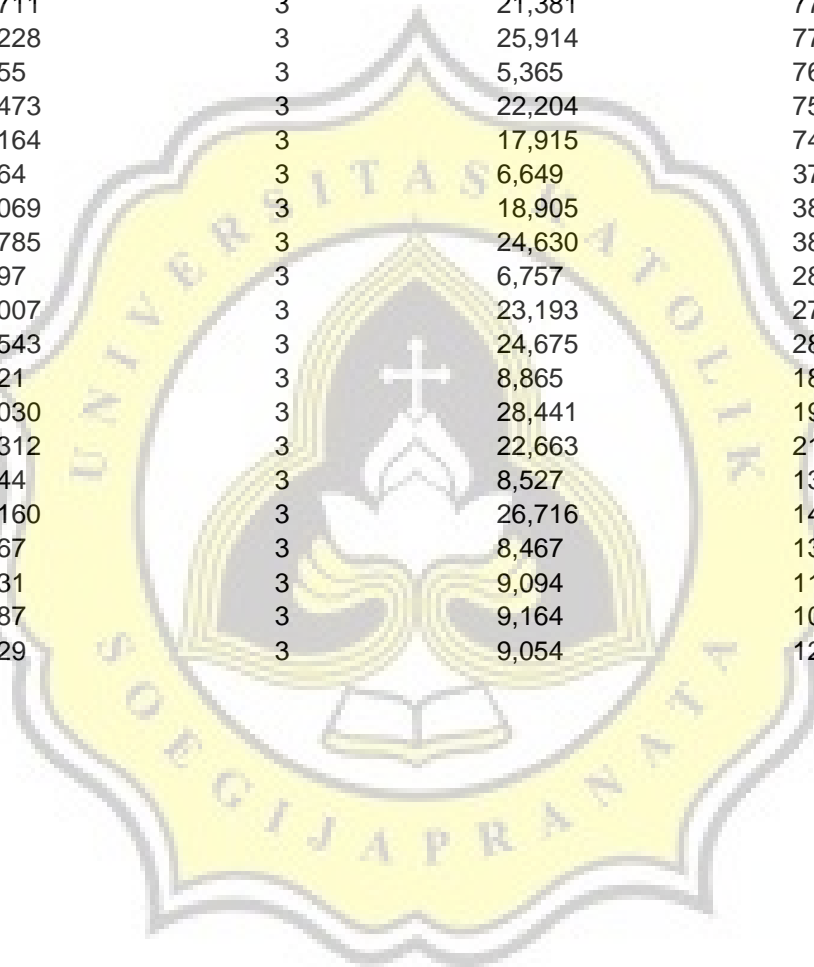
Lampiran 1. Perhitungan Uji Pendahuluan

Perlakuan	Absorbansi	Konsentrasi (ppm)	Faktor pengali = konsentrasi / 1.000.000	mg per 100 gram bahan = (faktor pengali x 100.000 mg)
Awal	0,0682	1347,7288	0,001348	134,77288
	0,068	1340,862	0,001341	134,0862
	0,0684	1354,5956	0,001355	135,45956
SB 90°C 30 detik	0,0642	1210,3928	0,00121	121,03928
	0,064	1203,526	0,001204	120,3526
	0,0637	1193,2258	0,001193	119,32258
SB 90°C 1 menit	0,0632	1176,0588	0,001176	117,60588
	0,0623	1145,1582	0,001145	114,51582
	0,0624	1148,5916	0,001149	114,85916
SB 100°C 30 detik	0,0544	873,9196	0,000874	87,39196
	0,0548	887,6532	0,000888	88,76532
	0,0551	897,9534	0,000898	89,79534
SB 100°C 1 menit	0,0488	681,6492	0,000682	68,16492
	0,0482	661,0488	0,000661	66,10488
	0,048	654,182	0,000654	65,4182
HWB 90°C 30 detik	0,0707	1433,5638	0,001434	143,35638
	0,0709	1440,4306	0,00144	144,04306
	0,0708	1436,9972	0,001437	143,69972
HWB 90°C 1 menit	0,0944	2247,2796	0,002247	224,72796
	0,0942	2240,4128	0,00224	224,04128
	0,0945	2250,713	0,002251	225,0713
HWB 100°C 30 detik	0,1025	2525,385	0,002525	252,5385
	0,1014	2487,6176	0,002488	248,76176
	0,1028	2535,6852	0,002536	253,56852
HWB 100°C 1 menit	0,1144	2933,9596	0,002934	293,39596
	0,1128	2879,0252	0,002879	287,90252
	0,1133	2896,1922	0,002896	289,61922

Lampiran 2. Hasil Analisa Kadar Air

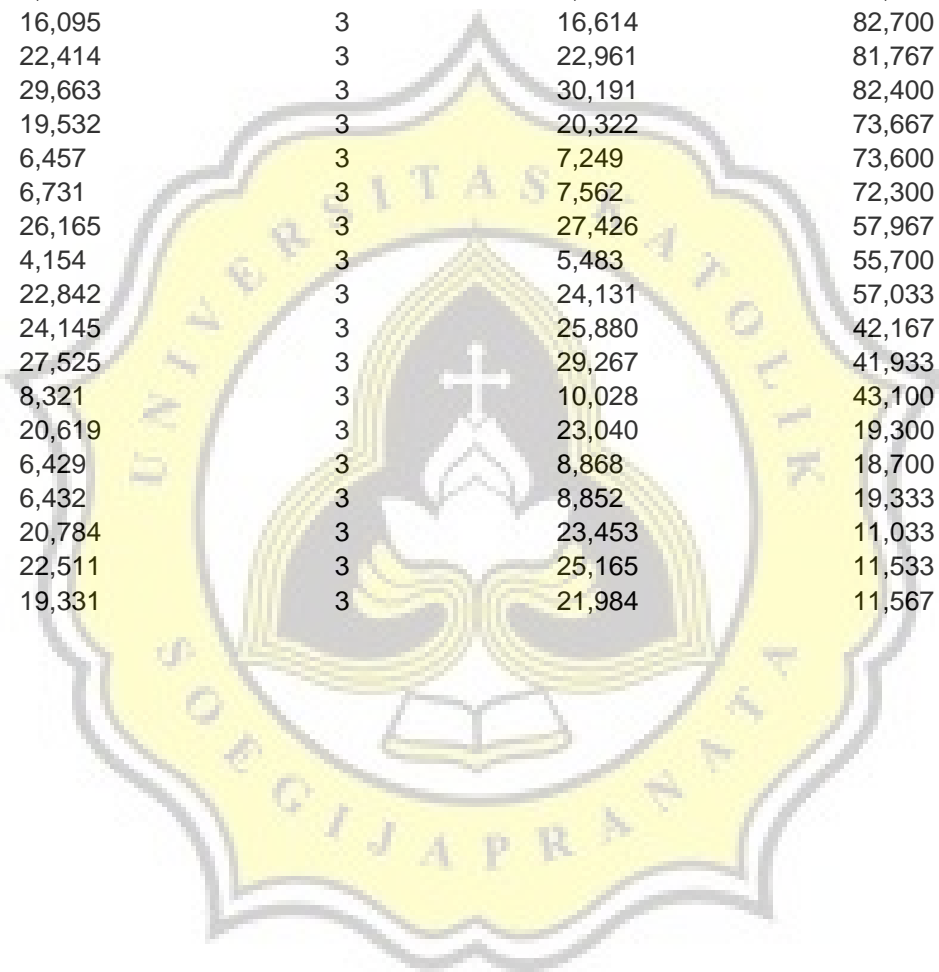
Dehumidifier 60°C Batch 1

Jam	Berat Cawan Kosong (gr)	Berat Sampel (gr)	Berat Setelah Oven (gr)	Kadar Air (%)
Fresh	6,605	3	6,865	91,333
	8,040	3	8,288	91,733
	8,749	3	9,056	89,767
0	4,760	3	5,008	91,733
	27,557	3	27,774	92,767
	18,874	3	19,114	92,000
0,5	4,631	3	5,313	77,267
	20,711	3	21,381	77,677
	25,228	3	25,914	77,133
1	4,655	3	5,365	76,333
	21,473	3	22,204	75,633
	17,164	3	17,915	74,967
1,5	4,764	3	6,649	37,167
	17,069	3	18,905	38,800
	22,785	3	24,630	38,500
2	4,597	3	6,757	28,000
	21,007	3	23,193	27,133
	22,543	3	24,675	28,933
2,5	6,421	3	8,865	18,533
	26,030	3	28,441	19,633
	20,312	3	22,663	21,633
3	5,944	3	8,527	13,900
	24,160	3	26,716	14,800
	5,867	3	8,467	13,333
3,5	6,431	3	9,094	11,233
	6,487	3	9,164	10,767
	6,429	3	9,054	12,500



Dehumidifier 60°C Batch 2

Jam	Berat Cawan Kosong (gr)	Berat Sampel (gr)	Berat Setelah Oven (gr)	Kadar Air (%)
Fresh	20,407	3	20,678	90,967
	5,949	3	6,206	91,433
	4,931	3	5,227	90,133
0	27,563	3	27,770	93,100
	22,784	3	22,987	93,233
	21,193	3	21,429	92,133
0,5	21,724	3	22,098	87,533
	8,094	3	8,574	84,000
	7,663	3	8,079	86,133
1	16,095	3	16,614	82,700
	22,414	3	22,961	81,767
	29,663	3	30,191	82,400
1,5	19,532	3	20,322	73,667
	6,457	3	7,249	73,600
	6,731	3	7,562	72,300
2	26,165	3	27,426	57,967
	4,154	3	5,483	55,700
	22,842	3	24,131	57,033
2,5	24,145	3	25,880	42,167
	27,525	3	29,267	41,933
	8,321	3	10,028	43,100
3	20,619	3	23,040	19,300
	6,429	3	8,868	18,700
	6,432	3	8,852	19,333
3,5	20,784	3	23,453	11,033
	22,511	3	25,165	11,533
	19,331	3	21,984	11,567



Dehumidifier 70°C Batch 1

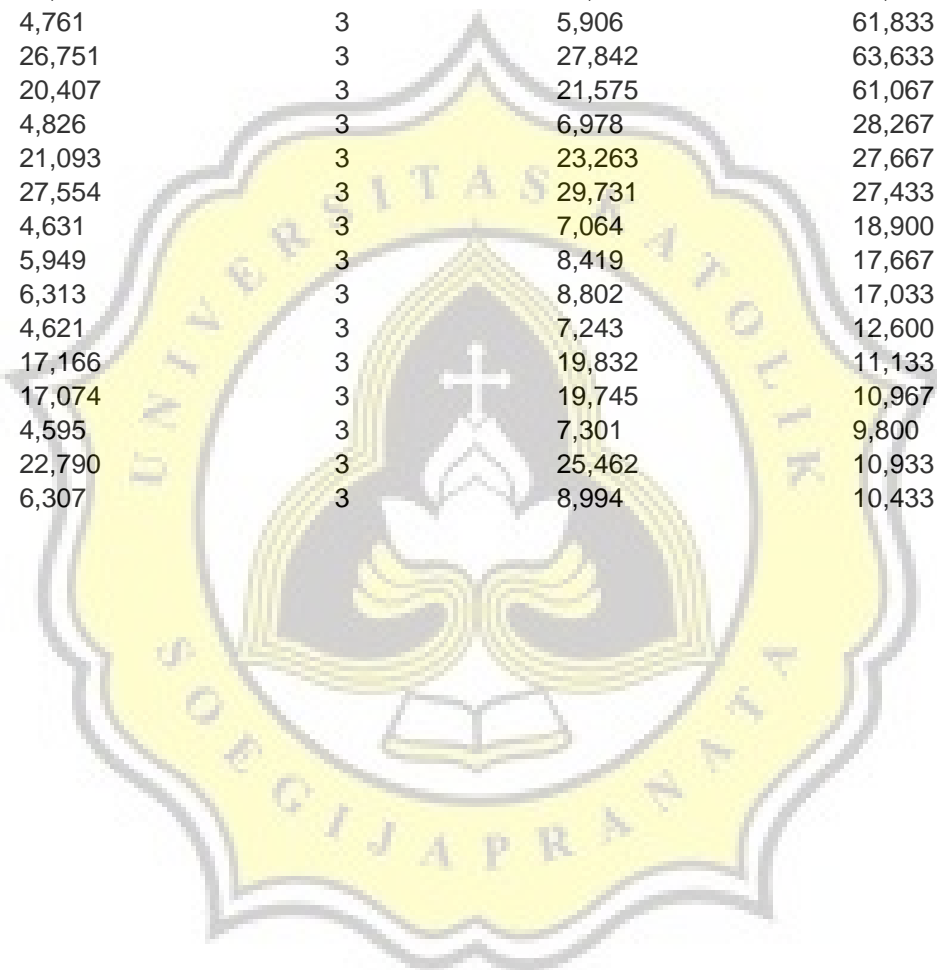
Jam	Berat Cawan Kosong (gr)	Berat Sampel (gr)	Berat Setelah Oven (gr)	Kadar Air (%)
Fresh	4,680	3	5,011	88,967
	6,260	3	6,587	89,100
	4,607	3	4,937	89,000
0	4,654	3	4,908	91,533
	24,196	3	24,483	90,433
	22,517	3	22,771	91,533
0,5	6,429	3	7,151	75,933
	26,751	3	27,548	73,433
	20,407	3	21,211	73,200
1	6,486	3	8,539	31,567
	21,093	3	23,156	31,233
	27,554	3	29,627	30,900
1,5	6,450	3	8,997	15,100
	17,166	3	19,743	14,100
	17,074	3	19,655	13,967
2	6,307	3	8,959	11,600
	22,790	3	25,427	12,100
	25,229	3	27,888	11,367
2,5	6,421	3	9,113	10,267
	18,884	3	21,589	9,833
	20,721	3	23,431	9,667

Dehumidifier 70°C Batch 2

Jam	Berat Cawan Kosong (gr)	Berat Sampel (gr)	Berat Setelah Oven (gr)	Kadar Air (%)
Fresh	8,822	3	9,132	89,667
	6,451	3	6,732	90,633
	8,587	3	8,863	90,800
0	24,143	3	24,354	92,967
	18,885	3	19,122	92,100
	22,575	3	22,834	91,367
0,5	26,164	3	26,689	82,500
	6,429	3	6,951	82,600
	18,883	3	19,439	81,467
1	16,094	3	17,511	52,767
	4,587	3	6,066	50,700
	6,485	3	7,962	50,767
1,5	20,617	3	22,466	38,367
	26,030	3	27,896	37,800
	5,947	3	7,809	37,933
2	21,723	3	24,213	17,000
	17,166	3	19,676	16,333
	4,621	3	7,107	17,133
2,5	19,531	3	22,326	6,833
	20,407	3	23,212	6,500
	24,193	3	27,002	6,367

Solar Tunnel Drying Cover Batch 1

Jam	Berat Cawan Kosong (gr)	Berat Sampel (gr)	Berat Setelah Oven (gr)	Kadar Air (%)
Fresh	4,664	3	4,922	91,400
	6,136	3	6,438	89,933
	5,467	3	5,737	91,000
0	4,764	3	4,981	92,767
	6,431	3	6,627	93,467
	6,487	3	6,713	92,467
0,5	4,695	3	5,228	82,233
	24,196	3	24,673	84,100
	22,517	3	23,075	81,400
1	4,761	3	5,906	61,833
	26,751	3	27,842	63,633
	20,407	3	21,575	61,067
1,5	4,826	3	6,978	28,267
	21,093	3	23,263	27,667
	27,554	3	29,731	27,433
2	4,631	3	7,064	18,900
	5,949	3	8,419	17,667
	6,313	3	8,802	17,033
2,5	4,621	3	7,243	12,600
	17,166	3	19,832	11,133
	17,074	3	19,745	10,967
3	4,595	3	7,301	9,800
	22,790	3	25,462	10,933
	6,307	3	8,994	10,433



Solar Tunnel Drying Cover Batch 2

Jam	Berat Cawan Kosong (gr)	Berat Sampel (gr)	Berat Setelah Oven (gr)	Kadar Air (%)
Fresh	20,425	3	20,746	89,300
	21,723	3	22,034	89,633
	26,730	3	27,011	90,633
0	4,597	3	4,841	91,867
	4,765	3	5,052	90,433
	4,655	3	4,931	90,800
0,5	22,290	3	23,025	75,500
	6,429	3	7,145	76,133
	6,490	3	7,286	73,467
1	18,693	3	19,893	60,000
	6,451	3	7,599	61,733
	4,633	3	5,844	59,633
1,5	17,455	3	18,981	49,133
	21,093	3	22,587	50,200
	18,885	3	20,395	49,667
2	29,391	3	31,436	31,833
	24,192	3	26,273	30,633
	17,072	3	19,128	31,467
2,5	16,098	3	18,672	14,200
	22,511	3	25,114	13,233
	24,163	3	26,793	12,333
3	19,491	3	22,176	10,500
	20,310	3	23,012	9,933
	6,303	3	8,987	10,533

Solar Tunnel Drying Non Cover Batch 1

Jam	Berat Cawan Kosong (gr)	Berat Sampel (gr)	Berat Setelah Oven (gr)	Kadar Air (%)
Fresh	8,884	3	9,225	88,633
	6,313	3	6,638	89,167
	4,597	3	4,918	89,300
0	4,655	3	4,967	89,600
	4,764	3	5,051	90,433
	4,695	3	4,969	90,867
0,5	6,429	3	7,395	67,800
	6,450	3	7,302	71,600
	5,942	3	6,892	68,333
1	6,485	3	8,865	20,667
	4,761	3	7,085	22,533
	4,826	3	7,234	19,733
1,5	6,306	3	9,046	8,667
	4,631	3	7,341	9,667
	4,621	3	7,336	9,500

Solar Tunnel Drying Non Cover Batch 2

Jam	Berat Cawan Kosong (gr)	Berat Sampel (gr)	Berat Setelah Oven (gr)	Kadar Air (%)
Fresh	19,533	3	19,866	88,900
	4,586	3	4,907	89,300
	6,457	3	6,768	89,633
0	8,752	3	9,031	90,700
	22,769	3	23,032	91,233
	6,308	3	6,606	90,067
0,5	20,425	3	21,594	61,033
	4,824	3	6,013	60,367
	22,540	3	23,609	64,367
1	26,156	3	28,326	27,667
	18,884	3	21,107	25,900
	5,949	3	8,153	26,533
1,5	22,771	3	25,456	10,500
	23,411	3	26,098	10,433
	26,730	3	29,428	10,067

Lampiran 3. Rumus Fungsi Kadar Air

Model Summary and Parameter Estimates

Dependent Variable: d60_b1

Equation	Model Summary					Parameter Estimates	
	R Square	F	df1	df2	Sig.	Constant	b1
Exponential	,972	205,558	1	6	,000	107,070	-,653

The independent variable is waktu_d60.

Model Summary and Parameter Estimates

Dependent Variable: d60_b2

Equation	Model Summary					Parameter Estimates	
	R Square	F	df1	df2	Sig.	Constant	b1
Exponential	,846	32,977	1	6	,001	131,085	-,582

The independent variable is waktu_d60.

Model Summary and Parameter Estimates

Dependent Variable: d70_b1

Equation	Model Summary					Parameter Estimates	
	R Square	F	df1	df2	Sig.	Constant	b1
Exponential	,937	59,332	1	4	,002	92,165	-,995

The independent variable is waktu_d70.

Model Summary and Parameter Estimates

Dependent Variable: d70_b2

Equation	Model Summary					Parameter Estimates	
	R Square	F	df1	df2	Sig.	Constant	b1
Exponential	,925	49,127	1	4	,002	126,556	-1,044

The independent variable is waktu_d70.

Model Summary and Parameter Estimates

Dependent Variable: std_c_b1

Equation	Model Summary					Parameter Estimates	
	R Square	F	df1	df2	Sig.	Constant	b1
Exponential	,961	123,192	1	5	,000	109,707	-,839

The independent variable is waktu_std_c.

Model Summary and Parameter Estimates

Dependent Variable: std_c_b2

Equation	Model Summary					Parameter Estimates	
	R Square	F	df1	df2	Sig.	Constant	b1
Exponential	,933	69,090	1	5	,000	114,613	-,761

The independent variable is waktu_std_c.

Model Summary and Parameter Estimates

Dependent Variable: std_nc_b1

Equation	Model Summary					Parameter Estimates	
	R Square	F	df1	df2	Sig.	Constant	b1
Exponential	,952	39,925	1	2	,024	110,616	-1,604

The independent variable is waktu_std_nc.

Model Summary and Parameter Estimates

Dependent Variable: std_nc_b2

Equation	Model Summary					Parameter Estimates	
	R Square	F	df1	df2	Sig.	Constant	b1
Exponential	,969	62,321	1	2	,016	106,355	-1,471

The independent variable is waktu_std_nc.

Lampiran 4. Hasil Analisa Laju Pengeringan

dehumidifier 60°C batch 1						
jam	Constant	b1	b1*jam	exp-(b1*jam)	Constant*(exp-(b1*jam))	
0	-61,75	0,6078	0	1	-61,75	
0,5	-61,75	0,6078	0,3039	0,737934656	-45,56746502	
1	-61,75	0,6078	0,6078	0,544547557	-33,62581164	
1,5	-61,75	0,6078	0,9117	0,401840514	-24,81365175	
2	-61,75	0,6078	1,2156	0,296532042	-18,31085357	
2,5	-61,75	0,6078	1,5195	0,21882127	-13,51221344	
3	-61,75	0,6078	1,8234	0,161475799	-9,971130578	
3,5	-61,75	0,6078	2,1273	0,119158588	-7,358042815	

dehumidifier 60°C batch 2						
jam	Constant	b1	b1*jam	exp-(b1*jam)	Constant*(exp-(b1*jam))	
0	-83,3	0,613	0	1	-83,3	
0,5	-83,3	0,613	0,3065	0,736018518	-61,31034256	
1	-83,3	0,613	0,613	0,541723259	-45,12554748	
1,5	-83,3	0,613	0,9195	0,39871835	-33,21323859	
2	-83,3	0,613	1,226	0,293464089	-24,44555865	
2,5	-83,3	0,613	1,5325	0,215995004	-17,99238385	
3	-83,3	0,613	1,839	0,158976323	-13,2427277	
3,5	-83,3	0,613	2,1455	0,117009518	-9,746892821	

dehumidifier 70°C batch 1						
jam	Constant	b1	b1*jam	exp-(b1*jam)	Constant*(exp-(b1*jam))	
0	-91,69	0,9948	0	1	-91,69	
0,5	-91,69	0,9948	0,4974	0,608109691	-55,75757759	
1	-91,69	0,9948	0,9948	0,369797397	-33,9067233	
1,5	-91,69	0,9948	1,4922	0,224877381	-20,61900704	
2	-91,69	0,9948	1,9896	0,136750115	-12,538618	
2,5	-91,69	0,9948	2,487	0,08315907	-7,624855123	

dehumidifier 70°C batch 2						
jam	Constant	b1	b1*jam	exp-(b1*jam)	Constant*(exp-(b1*jam))	
0	-132,1	1,0438	0	1	-132,1	
0,5	-132,1	1,0438	0,5219	0,593392031	-78,38708734	
1	-132,1	1,0438	1,0438	0,352114103	-46,51427299	
1,5	-132,1	1,0438	1,5657	0,208941703	-27,60119894	
2	-132,1	1,0438	2,0876	0,123984341	-16,37833151	
2,5	-132,1	1,0438	2,6095	0,07357132	-9,718771402	

solar tunnel drying cover batch 1						
jam	Constant	b1	b1*jam	exp-(b1*jam)	Constant*(exp-(b1*jam))	
0	-92,08	0,8393	0	1	-92,08	
0,5	-92,08	0,8393	0,41965	0,657276826	-60,52205018	
1	-92,08	0,8393	0,8393	0,432012827	-39,77974107	
1,5	-92,08	0,8393	1,25895	0,28395202	-26,14630197	
2	-92,08	0,8393	1,6786	0,186635082	-17,18535838	
2,5	-92,08	0,8393	2,09825	0,122670915	-11,29553782	
3	-92,08	0,8393	2,5179	0,080628749	-7,42429525	

solar tunnel drying cover batch 2

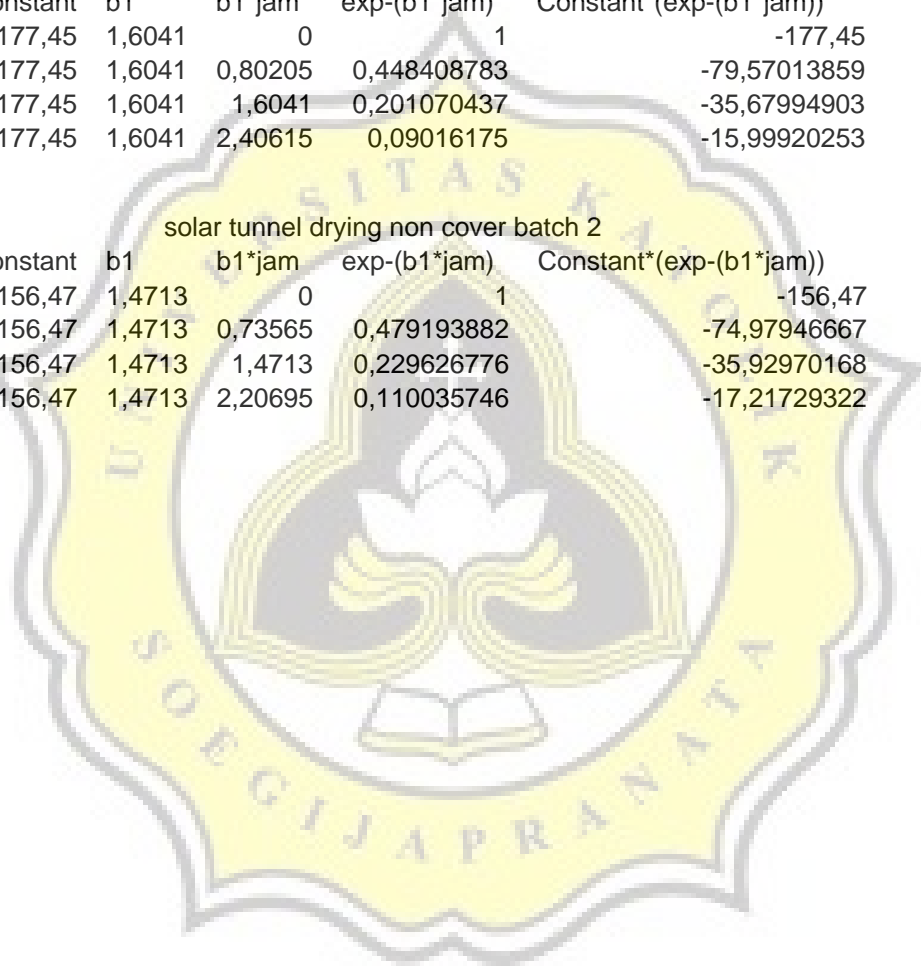
jam	Constant	b1	b1*jam	exp-(b1*jam)	Constant*(exp-(b1*jam))
0	-87,23	0,7611	0	1	-87,23
0,5	-87,23	0,7611	0,38055	0,683485389	-59,62043047
1	-87,23	0,7611	0,7611	0,467152277	-40,7496931
1,5	-87,23	0,7611	1,14165	0,319291756	-27,85181984
2	-87,23	0,7611	1,5222	0,21823125	-19,03631191
2,5	-87,23	0,7611	1,90275	0,149157871	-13,01104105
3	-87,23	0,7611	2,2833	0,101947225	-8,892856451

solar tunnel drying non cover batch 1

jam	Constant	b1	b1*jam	exp-(b1*jam)	Constant*(exp-(b1*jam))
0	-177,45	1,6041	0	1	-177,45
0,5	-177,45	1,6041	0,80205	0,448408783	-79,57013859
1	-177,45	1,6041	1,6041	0,201070437	-35,67994903
1,5	-177,45	1,6041	2,40615	0,09016175	-15,99920253

solar tunnel drying non cover batch 2

jam	Constant	b1	b1*jam	exp-(b1*jam)	Constant*(exp-(b1*jam))
0	-156,47	1,4713	0	1	-156,47
0,5	-156,47	1,4713	0,73565	0,479193882	-74,97946667
1	-156,47	1,4713	1,4713	0,229626776	-35,92970168
1,5	-156,47	1,4713	2,20695	0,110035746	-17,21729322



Lampiran 5. Kandungan Alfa-Tokoferol

Dehumidifier 60°C batch 1

Jam	abs	ppm	mg/100 gr bhn basah	mg/100 gr bhn kering
Fresh	0,0664	1285,928	128,5928	1420,043
	0,0771	1653,301	165,3301	1825,732
	0,0633	1179,492	117,9492	1302,507
0	0,0818	1814,671	181,4671	2316,602
	0,0972	2343,415	234,3415	2991,593
	0,0842	1897,073	189,7073	2421,795
0,5	0,1017	2497,918	249,7918	1103,266
	0,0985	2388,049	238,8049	1054,74
	0,0994	2418,95	241,895	1068,388
1	0,089	2061,876	206,1876	846,5732
	0,0894	2075,61	207,561	852,212
	0,1045	2594,053	259,4053	1065,077
1,5	0,0623	1145,158	114,5158	185,1675
	0,0708	1436,997	143,6997	232,3567
	0,0605	1083,357	108,3357	175,1745
2	0,0651	1241,293	124,1293	172,4551
	0,0653	1248,16	124,816	173,4091
	0,0583	1007,822	100,7822	140,0185
2,5	0,0614	1114,258	111,4258	139,1662
	0,0658	1265,327	126,5327	158,0342
	0,0857	1948,574	194,8574	243,3689
3	0,0678	1333,995	133,3995	155,1358
	0,0608	1093,657	109,3657	127,1859
	0,0611	1103,957	110,3957	128,3837
3,5	0,0613	1110,824	111,0824	125,5169
	0,0513	767,4842	76,74842	86,72138
	0,0561	932,2874	93,22874	105,3432

Dehumidifier 60°C batch 2

Jam	abs	ppm	mg/100 gr bhn basah	mg/100 gr bhn kering
Fresh	0,0531	829,2854	82,92854	905,7729
	0,061	1100,524	110,0524	1202,029
	0,0514	770,9176	77,09176	842,0217
0	0,0822	1828,405	182,8405	2547,313
	0,0886	2048,142	204,8142	2853,449
	0,0732	1519,399	151,9399	2116,809
0,5	0,0836	1876,472	187,6472	1329,784
	0,0828	1849,005	184,9005	1310,319
	0,0716	1464,464	146,4464	1037,809
1	0,0685	1358,029	135,8029	766,7667
	0,0619	1131,425	113,1425	638,8219
	0,0876	2013,808	201,3808	1137,031
1,5	0,057	963,188	96,3188	359,2496
	0,0561	932,2874	93,22874	347,7243
	0,0565	946,021	94,6021	352,8466
2	0,0511	760,6174	76,06174	176,4774
	0,0643	1213,826	121,3826	281,6302
	0,0521	794,9514	79,49514	184,4435
2,5	0,0538	853,3192	85,33192	148,1457
	0,0441	520,2794	52,02794	90,32628
	0,0558	921,9872	92,19872	160,0672
3	0,0703	1419,83	141,983	175,5285
	0,0611	1103,957	110,3957	136,4783
	0,0685	1358,029	135,8029	167,8882
3,5	0,0601	1069,623	106,9623	120,6947
	0,0867	1982,908	198,2908	223,7484
	0,0664	1285,928	128,5928	145,1022

Dehumidifier 70°C batch 1

Jam	abs	ppm	mg/100 gr bhn basah	mg/100 gr bhn kering
Fresh	0,0625	1152,025	115,2025	1049,415
	0,0585	1014,689	101,4689	924,3118
	0,0411	417,2774	41,72774	380,111
0	0,0925	2182,045	218,2045	2470,24
	0,0847	1914,24	191,424	2167,064
	0,0956	2288,48	228,848	2590,733
0,5	0,1037	2566,586	256,6586	994,3725
	0,1021	2511,651	251,1651	973,0892
	0,1083	2724,522	272,4522	1055,562
1	0,0809	1783,771	178,3771	259,3947
	0,0723	1488,498	148,8498	216,4564
	0,0719	1474,765	147,4765	214,4592
1,5	0,0816	1807,804	180,7804	211,1647
	0,0798	1746,003	174,6003	203,9459
	0,0746	1567,466	156,7466	183,0915
2	0,0827	1845,572	184,5572	208,9852
	0,0744	1560,6	156,06	176,7161
	0,0783	1694,502	169,4502	191,8787
2,5	0,1155	2971,727	297,1727	329,9068
	0,1046	2597,486	259,7486	288,3604
	0,0831	1859,305	185,9305	206,4111

Dehumidifier 70°C batch 2

Jam	abs	ppm	mg/100 gr bhn basah	mg/100 gr bhn kering
Fresh	0,0493	698,8162	69,88162	725,4147
	0,0416	434,4444	43,44444	450,9803
	0,0527	815,5518	81,55518	846,5936
0	0,0783	1694,502	169,4502	2157,075
	0,0759	1612,101	161,2101	2052,179
	0,0924	2178,612	217,8612	2773,339
0,5	0,0868	1986,341	198,6341	1115,226
	0,0984	2384,616	238,4616	1338,836
	0,0838	1883,339	188,3339	1057,396
1	0,1022	2515,085	251,5085	517,6255
	0,0992	2412,083	241,2083	496,4268
	0,0958	2295,347	229,5347	472,4017
1,5	0,06	1066,19	106,619	172,0586
	0,0724	1491,932	149,1932	240,7636
	0,0616	1121,124	112,1124	180,9238
2	0,0659	1268,761	126,8761	152,536
	0,0719	1474,765	147,4765	177,3027
	0,0841	1893,639	189,3639	227,6617
2,5	0,0858	1952,007	195,2007	208,9198
	0,0763	1625,834	162,5834	174,0101
	0,0873	2003,508	200,3508	214,4318

Solar tunnel drying cover batch 1

Jam	abs	ppm	mg/100 gr bhn basah	mg/100 gr bhn kering
Fresh	0,0607	1090,224	109,0224	1182,17
	0,0695	1392,363	139,2363	1509,791
	0,0615	1117,691	111,7691	1211,954
0	0,1038	2570,019	257,0019	3619,745
	0,1035	2559,719	255,9719	3605,238
	0,0922	2171,745	217,1745	3058,795
0,5	0,1278	3394,035	339,4035	1948,107
	0,1193	3102,196	310,2196	1780,597
	0,1281	3404,335	340,4335	1954,019
1	0,1022	2515,085	251,5085	664,9754
	0,1117	2841,258	284,1258	751,2139
	0,1028	2535,685	253,5685	670,4221
1,5	0,0731	1515,965	151,5965	209,9352
	0,0937	2223,246	222,3246	307,8814
	0,0794	1732,27	173,227	239,8896
2	0,0864	1972,608	197,2608	240,1714
	0,0873	2003,508	200,3508	243,9336
	0,0824	1835,272	183,5272	223,4503
2,5	0,1028	2535,685	253,5685	286,7341
	0,1025	2525,385	252,5385	285,5694
	0,0983	2381,182	238,1182	269,263
3	0,0582	1004,389	100,4389	112,0831
	0,0881	2030,975	203,0975	226,6433
	0,0624	1148,592	114,8592	128,1751



Solar tunnel drying cover batch 2

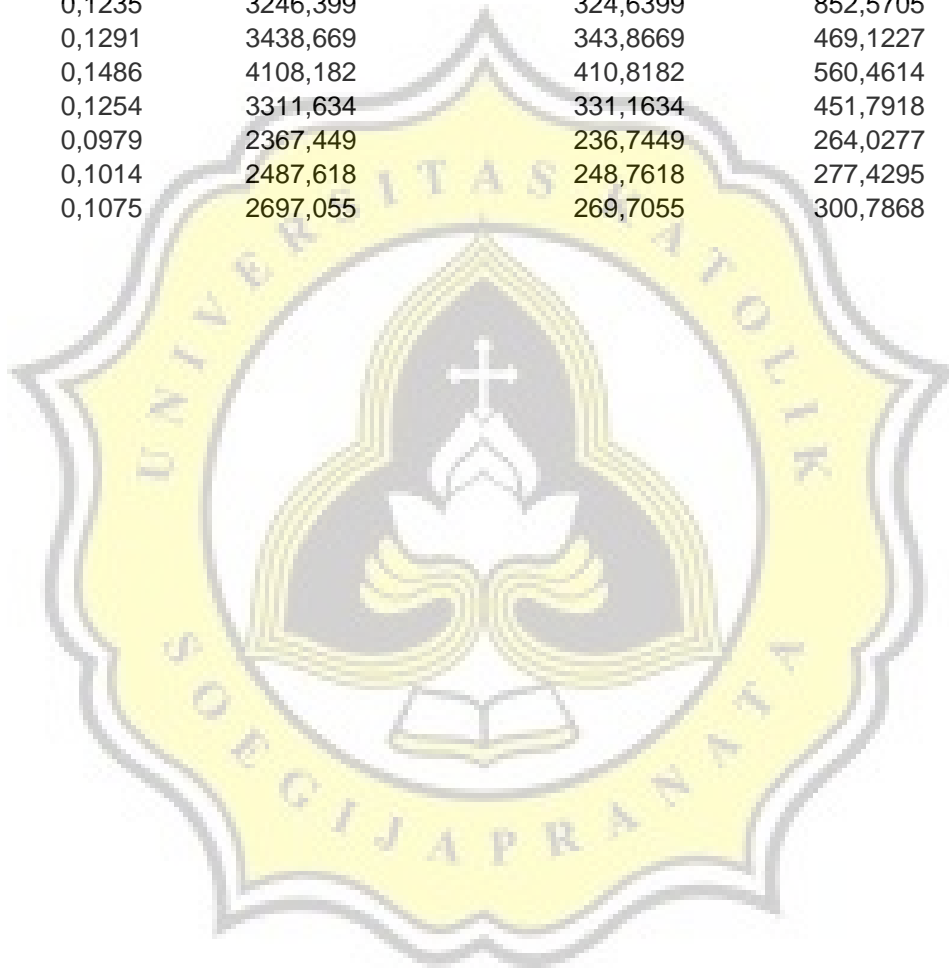
Jam	abs	ppm	mg/100 gr bhn basah	mg/100 gr bhn kering
Fresh	0,0714	1457,598	145,7598	1436,843
	0,078	1684,202	168,4202	1660,221
	0,0797	1742,57	174,257	1717,758
0	0,0983	2381,182	238,1182	2655,594
	0,0906	2116,81	211,681	2360,755
	0,1053	2621,52	262,152	2923,628
0,5	0,1282	3407,769	340,7769	1364,927
	0,1194	3105,63	310,563	1243,91
	0,1203	3136,53	313,653	1256,287
1	0,1215	3177,731	317,7731	803,5847
	0,0829	1852,439	185,2439	468,4447
	0,1111	2820,657	282,0657	713,2879
1,5	0,0822	1828,405	182,8405	363,2592
	0,0801	1756,303	175,6303	348,9345
	0,0839	1886,773	188,6773	374,8555
2	0,0798	1746,003	174,6003	254,19
	0,0707	1433,564	143,3564	208,7039
	0,0776	1670,468	167,0468	243,1934
2,5	0,0861	1962,307	196,2307	226,2171
	0,1031	2545,985	254,5985	293,5041
	0,0937	2223,246	222,3246	256,2984
3	0,1179	3054,129	305,4129	340,5669
	0,1094	2762,29	276,229	308,0239
	0,0913	2140,844	214,0844	238,7263

Solar tunnel drying non cover batch 1

Jam	abs	ppm	mg/100 gr bhn basah	mg/100 gr bhn kering
Fresh	0,0629	1165,759	116,5759	1063,002
	0,0615	1117,691	111,7691	1019,171
	0,0701	1412,963	141,2963	1288,416
0	0,1134	2899,626	289,9626	2989,305
	0,1012	2480,751	248,0751	2557,475
	0,0903	2106,51	210,651	2171,66
0,5	0,1172	3030,095	303,0095	985,2187
	0,1034	2556,286	255,6286	831,1622
	0,1157	2978,594	297,8594	968,4734
1	0,1367	3699,608	369,9608	468,1731
	0,1284	3414,636	341,4636	432,1108
	0,1219	3191,465	319,1465	403,8693
1,5	0,0999	2436,117	243,6117	268,5248
	0,0947	2257,58	225,758	248,8453
	0,0921	2168,311	216,8311	239,0055

Solar tunnel drying non cover batch 2

Jam	abs	ppm	mg/100 gr bhn basah	mg/100 gr bhn kering
Fresh	0,0773	1660,168	166,0168	1548,343
	0,0892	2068,743	206,8743	1929,397
	0,0787	1708,236	170,8236	1593,173
0	0,0999	2436,117	243,6117	2610,125
	0,1041	2580,319	258,0319	2764,628
	0,1001	2442,983	244,2983	2617,482
0,5	0,1348	3634,373	363,4373	954,4604
	0,1233	3239,532	323,9532	850,7671
	0,1235	3246,399	324,6399	852,5705
1	0,1291	3438,669	343,8669	469,1227
	0,1486	4108,182	410,8182	560,4614
	0,1254	3311,634	331,1634	451,7918
1,5	0,0979	2367,449	236,7449	264,0277
	0,1014	2487,618	248,7618	277,4295
	0,1075	2697,055	269,7055	300,7868



Lampiran 6. Rumus Fungsi alfa-Tokoferol

*Dehumidifier 60°C batch 1***Parameter Estimates**

Parameter	Estimate	Std. Error	95% Confidence Interval	
			Lower Bound	Upper Bound
A	-147,643	66,726	-332,905	37,620
B	1129,599	355,887	141,498	2117,699
C	-2833,024	512,439	-4255,782	-1410,266
D	2493,905	192,201	1960,270	3027,540

Correlations of Parameter Estimates

	A	B	C	D
A	1,000	-,984	,895	-,456
B	-,984	1,000	-,957	,549
C	,895	-,957	1,000	-,723
D	-,456	,549	-,723	1,000

ANOVA^a

Source	Sum of Squares	df	Mean Squares
Regression	8606973	4	2151743
Residual	165296,2	4	41324,044
Uncorrected Total	8772270	8	
Corrected Total	5186569	7	

Dependent variable: d60_b1

a. R squared = $1 - (\text{Residual Sum of Squares}) / (\text{Corrected Sum of Squares}) = ,968$.

*Dehumidifier 60°C batch 2***Parameter Estimates**

Parameter	Estimate	Std. Error	95% Confidence Interval	
			Lower Bound	Upper Bound
A	-114,113	36,247	-214,750	-13,475
B	939,348	193,323	402,597	1476,099
C	-2547,134	278,364	-3319,998	-1774,270
D	2446,071	104,406	2156,192	2735,949

Correlations of Parameter Estimates

	A	B	C	D
A	1,000	-,984	,895	-,456
B	-,984	1,000	-,957	,549
C	,895	-,957	1,000	-,723
D	-,456	,549	-,723	1,000

ANOVA^a

Source	Sum of Squares	df	Mean Squares
Regression	8692414	4	2173104
Residual	48776,019	4	12194,005
Uncorrected Total	8741190	8	
Corrected Total	4817244	7	

Dependent variable: d60_b2

a. R squared = 1 - (Residual Sum of Squares) / (Corrected Sum of Squares) = ,990.

Dehumidifier 70°C batch 1

Parameter Estimates

Parameter	Estimate	Std. Error	95% Confidence Interval	
			Lower Bound	Upper Bound
A	-358,772	72,745	-671,767	-45,776
B	2095,606	276,970	903,901	3287,312
C	-3855,662	278,662	-5054,648	-2656,675
D	2417,879	71,731	2109,245	2726,513

Correlations of Parameter Estimates

	A	B	C	D
A	1,000	-,985	,894	-,380
B	-,985	1,000	-,955	,471
C	,894	-,955	1,000	-,656
D	-,380	,471	-,656	1,000

ANOVA^a

Source	Sum of Squares	df	Mean Squares
Regression	7014978	4	1753744
Residual	10715,917	2	5357,959
Uncorrected Total	7025694	6	
Corrected Total	3924009	5	

Dependent variable: d70_b1

a. R squared = 1 - (Residual Sum of Squares) / (Corrected Sum of Squares) = ,997.

Dehumidifier 70°C batch 2

Parameter Estimates

Parameter	Estimate	Std. Error	95% Confidence Interval	
			Lower Bound	Upper Bound
A	607,381	73,075	374,824	839,939
B	-2312,372	190,323	-2918,064	-1706,680
C	2261,278	101,168	1939,317	2583,239

Correlations of Parameter Estimates

	A	B	C
A	1,000	-,960	,602
B	-,960	1,000	-,763
C	,602	-,763	1,000

ANOVA^a

Source	Sum of Squares	df	Mean Squares
Regression	7108916	3	2369639
Residual	37379,781	3	12459,927
Uncorrected Total	7146296	6	
Corrected Total	3655767	5	

Dependent variable: d70_b2

a. R squared = 1 - (Residual Sum of Squares) / (Corrected Sum of Squares) = ,990.

*Solar tunnel drying cover batch 1***Parameter Estimates**

Parameter	Estimate	Std. Error	95% Confidence Interval	
			Lower Bound	Upper Bound
A	-266,420	59,859	-456,917	-75,922
B	1870,953	273,606	1000,215	2741,691
C	-4312,864	334,716	-5378,079	-3247,648
D	3478,507	105,967	3141,272	3815,743

Correlations of Parameter Estimates

	A	B	C	D
A	1,000	-,984	,894	-,424
B	-,984	1,000	-,956	,516
C	,894	-,956	1,000	-,695
D	-,424	,516	-,695	1,000

ANOVA^a

Source	Sum of Squares	df	Mean Squares
Regression	16008653	4	4002163
Residual	36278,545	3	12092,848
Uncorrected Total	16044931	7	
Corrected Total	9159894	6	

Dependent variable: std_c_b1

a. R squared = 1 - (Residual Sum of Squares) / (Corrected Sum of Squares) = ,996.

*Solar tunnel drying cover batch 2***Parameter Estimates**

Parameter	Estimate	Std. Error	95% Confidence Interval	
			Lower Bound	Upper Bound
A	-198,839	29,847	-293,826	-103,852
B	1398,173	136,427	964,000	1832,345
C	-3185,707	166,898	-3716,852	-2654,563
D	2621,636	52,838	2453,482	2789,791

Correlations of Parameter Estimates

	A	B	C	D
A	1,000	-,984	,894	-,424
B	-,984	1,000	-,956	,516
C	,894	-,956	1,000	-,695
D	-,424	,516	-,695	1,000

ANOVA^a

Source	Sum of Squares	df	Mean Squares
Regression	9434723	4	2358681
Residual	9019,865	3	3006,622
Uncorrected Total	9443743	7	
Corrected Total	4722230	6	

Dependent variable: std_c_b2

a. R squared = $1 - (\text{Residual Sum of Squares}) / (\text{Corrected Sum of Squares}) = ,998$.

Solar tunnel drying non cover batch 1

Parameter Estimates

Parameter	Estimate	Std. Error	95% Confidence Interval	
			Lower Bound	Upper Bound
A	1461,936	375,654	-3311,195	6235,067
B	-3684,030	587,991	-11155,162	3787,101
C	2530,814	183,071	204,678	4856,950

Correlations of Parameter Estimates

	A	B	C
A	1,000	-,958	,513
B	-,958	1,000	-,688
C	,513	-,688	1,000

ANOVA^a

Source	Sum of Squares	df	Mean Squares
Regression	7698348	3	2566116
Residual	35278,898	1	35278,898
Uncorrected Total	7733627	4	
Corrected Total	3348915	3	

Dependent variable: std_nc_b1

a. R squared = $1 - (\text{Residual Sum of Squares}) / (\text{Corrected Sum of Squares}) = ,989$.

Solar tunnel drying non cover batch 2

Parameter Estimates

Parameter	Estimate	Std. Error	95% Confidence Interval	
			Lower Bound	Upper Bound
A	1565,102	539,746	-5293,018	8423,222
B	-3856,079	844,836	-14590,735	6878,577
C	2603,733	263,040	-738,501	5945,967

Correlations of Parameter Estimates

	A	B	C
A	1,000	-,958	,513
B	-,958	1,000	-,688
C	,513	-,688	1,000

ANOVA^a

Source	Sum of Squares	df	Mean Squares
Regression	8132009	3	2710670
Residual	72831,370	1	72831,370
Uncorrected Total	8204840	4	
Corrected Total	3529405	3	

Dependent variable: std_nc_b2

a. R squared = $1 - (\text{Residual Sum of Squares}) / (\text{Corrected Sum of Squares}) = ,979$.

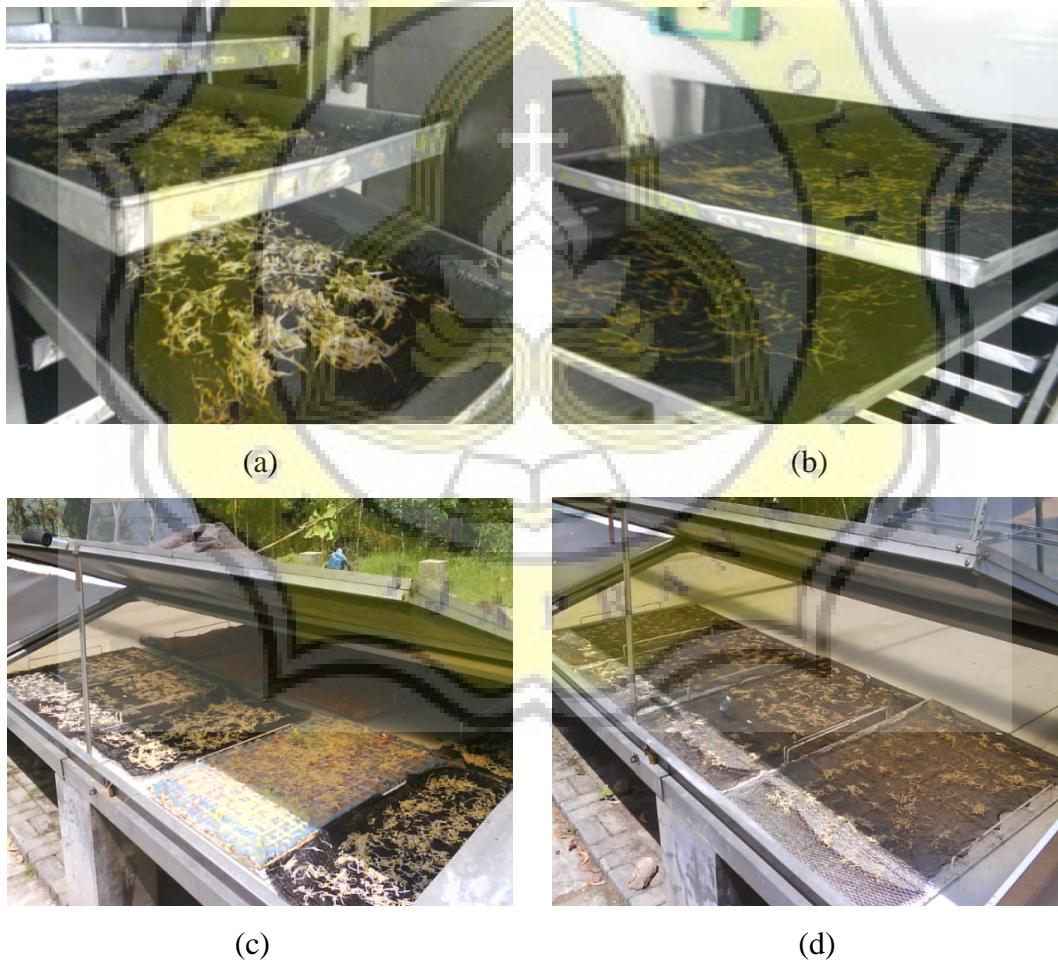
Lampiran 7. SNI Tepung Terigu Sebagai Bahan Makanan

No.	Jenis uji	Satuan	Persyaratan
1	Keadaan		
1.1	Bentuk	-	serbuk
1.2	Bau	-	normal (bebas dari bau asing)
1.3	Warna	-	putih, khas terigu
2	Benda asing	-	tidak ada
3	Serangga dalam semua bentuk stadia dan potongan-potongannya yang tampak	-	tidak ada
4	Kehalusan, lolos ayakan 212 μm No. 70 (b/b)	%	min 95
5	Kadar air (b/b)	%	maks. 14,5
6	Kadar abu (b/b)	%	maks. 0,6
7	Kadar protein(b/b)	%	min. 7,0
8	Keasaman	mg KOH/100g	maks 50
9	<i>Falling number</i> (atas dasar kadar air 14%)	detik	min. 300
10	Besi (Fe)	mg/kg	min. 50
11	Seng (Zn)	mg/kg	min. 30
12	Vitamin B1 (thiamin)	mg/kg	min. 2,5
13	Vitamin B2(riboflavin)	mg/kg	min. 4
14	Asam folat	mg/kg	min. 2
15	Cemaran logam		
15.1	Timbal (Pb)	mg/kg	maks. 1,00
15.2	Raksa (Hg)	mg/kg	maks. 0,05
15.3	Tembaga (Cu)	mg/kg	maks.10
16	Cemaran Arsen	mg/kg	maks. 0,50
17	Cemaran mikroba		
17.1	Angka lempeng total	koloni/g	maks. 10^6
17.2	<i>E.coli</i>	APM/g	maks. 10
17.3	Kapang	koloni/g	maks. 10^4

Lampiran 8. Foto-foto



Gambar 16. Metode *Blanching* (a) *Steam*, (b) *Hot Water*.



Gambar 17. Metode Pengeringan Taoge Kering pada (a) *Dehumidifier* 60°C, (b) *Dehumidifier* 70°C, (c) *STD Cover* dan (d) *STD Non-Cover*.