

LAMPIRAN

Lampiran 1. Data Hasil Pengujian Aktivitas Air Ampo Serut

No	Provinsi	Sampel Daerah	Aktivitas air	Rata- Rata	Standar Deviasi
1	Jawa Tengah	Solo	0,22	0,34	0,10
2	Jawa Tengah	Grobogan	0,28		
3	Jawa Tengah	Boyolali	0,44		
4	Jawa Tengah	Sragen	0,40		
5	DKI Jakarta	Jakarta Barat	0,38	0,40	0,02
6	DKI Jakarta	Jakarta Timur	0,43		
7	DKI Jakarta	Jakarta Pusat	0,40		
8	DKI Jakarta	Jakarta Utara	0,38		
9	Jawa Barat	Indramayu	0,48	0,41	0,06
10	Jawa Barat	Bogor	0,39		
11	Jawa Barat	Cirebon	0,43		
12	Jawa Barat	Bekasi	0,35		
13	Jawa Timur	Tulungagung	0,36	0,38	0,07
14	Jawa Timur	Semarang	0,28		
15	Jawa Timur	Tuban	0,44		
16	Jawa Timur	Blitar	0,43		
17	DI. Yogyakarta	Sleman	0,59	0,60	0,04
18	DI. Yogyakarta	Bantul	0,56		
19	DI. Yogyakarta	Kotagede	0,65		
20	DI. Yogyakarta	Kota Yogyakarta	0,60		

Lampiran 2. Data Hasil Pengujian Angka Lempeng Total Ampo Serut

No	Provinsi	Sampel Daerah	Total Mikroba (CFU/g)	Total Mikroba (log CFU/g)	Rata-Rata (log CFU/g)	Standar Deviasi
1	Jawa Tengah	Solo	1700000	6,23	7,20	0,77
2	Jawa Tengah	Grobogan	8727273	6,94		
3	Jawa Tengah	Boyolali	55000000	7,74		
4	Jawa Tengah	Sragen	76818182	7,89		
5	DKI Jakarta	Jakarta Barat	8318182	6,92	7,58	0,65
6	DKI Jakarta	Jakarta Timur	178636364	8,25		
7	DKI Jakarta	Jakarta Pusat	98636364	7,99		
8	DKI Jakarta	Jakarta Utara	13863636	7,14		
9	Jawa Barat	Indramayu	192727273	8,28	7,68	0,58
10	Jawa Barat	Bogor	15636364	7,19		
11	Jawa Barat	Cirebon	115000000	8,06		
12	Jawa Barat	Bekasi	14727273	7,17		
13	Jawa Timur	Tulung agung	20363636	7,31	7,47	0,53
14	Jawa Timur	Semanding	6318182	6,80		
15	Jawa Timur	Tuban	72272727	7,86		
16	Jawa Timur	Blitar	83181818	7,92		
17	DI. Yogyakarta	Sleman	55909091	7,75	8,72	0,82
18	DI. Yogyakarta	Bantul	215454546	8,33		
19	DI. Yogyakarta	Kotagede	2631818182	9,42		
20	DI. Yogyakarta	Kota Yogyakarta	2295454545	9,36		

Lampiran 3. Data Hasil Pengujian Angka Kapang Khamir Ampo Serut

No	Sampel		Total Kapang Khamir (CFU/g)	Total Kapang Khamir (log CFU/g)	Rata-Rata (log CFU/g)	Standar Deviasi
1	Jawa Tengah	Solo	1571	3,20	3,64	0,59
2	Jawa Tengah	Grobogan	2000	3,30		
3	Jawa Tengah	Boyolali	30455	4,48		
4	Jawa Tengah	Sragen	3773	3,58		
5	DKI Jakarta	Jakarta Barat	2409	3,38	3,56	0,21
6	DKI Jakarta	Jakarta Timur	5591	3,75		
7	DKI Jakarta	Jakarta Pusat	2318	3,37		
8	DKI Jakarta	Jakarta Utara	5409	3,73		
9	Jawa Barat	Indramayu	35000	4,54	3,95	0,61
10	Jawa Barat	Bogor	2864	3,46		
11	Jawa Barat	Cirebon	25455	4,41		
12	Jawa Barat	Bekasi	2545	3,41		
13	Jawa Timur	Tulungagung	68636	4,84	4,41	0,52
14	Jawa Timur	Semanding	4591	3,66		
15	Jawa Timur	Tuban	28182	4,45		
16	Jawa Timur	Blitar	47273	4,67		
17	DI. Yogyakarta	Sleman	209091	5,32	5,17	0,37
18	DI. Yogyakarta	Bantul	40909	4,61		
19	DI. Yogyakarta	Kotagede	254545	5,41		
20	DI. Yogyakarta	Kota Yogyakarta	218182	5,34		

Lampiran 4. Data Hasil Pengujian *Most Probable Number* Koliform Ampo Serut

No	Sampel		Total Koliform (MPN/g)	Total Koliform (Log MPN/g)	Rata-Rata (log MPN/g)	Standar Deviasi
1	Jawa Tengah	Solo	4400	3,64	4,35	0,70
2	Jawa Tengah	Grobogan	189800	5,28		
3	Jawa Tengah	Boyolali	27100	4,43		
4	Jawa Tengah	Sragen	11600	4,06		
5	DKI Jakarta	Jakarta Barat	43000	4,63	4,49	0,77
6	DKI Jakarta	Jakarta Timur	2700	3,43		
7	DKI Jakarta	Jakarta Pusat	43000	4,63		
8	DKI Jakarta	Jakarta Utara	189800	5,28		
9	Jawa Barat	Indramayu	189800	5,28	4,35	1,08
10	Jawa Barat	Bogor	189800	5,28		
11	Jawa Barat	Cirebon	1900	3,28		
12	Jawa Barat	Bekasi	3700	3,57		
13	Jawa Timur	Tulungagung	1200	3,08	4,52	1,04
14	Jawa Timur	Semanding	189800	5,28		
15	Jawa Timur	Tuban	189800	5,28		
16	Jawa Timur	Blitar	27100	4,43		
17	DI. Yogyakarta	Sleman	4400	3,64	4,87	0,82
18	DI. Yogyakarta	Bantul	189800	5,28		
19	DI. Yogyakarta	Kotagede	189800	5,28		
20	DI. Yogyakarta	Kota Yogyakarta	189800	5,28		

Lampiran 5. Data Perhitungan Koloni Mikroba Setiap Cawan ALT

Kode Sampel	Pengenceran																Total Bakteri	Log Total Bakteri
	1		2		3		4		5		6		7		8			
	a	b	a	b	a	b	a	b	a	b	a	b	a	b	a	b		
P1U1	TBUD	TBUD	305	298	190	178	122	154	56	42	23	19	3	2	0	0	1700000	6,23
P1U2	TBUD	TBUD	TBUD	TBUD	TBUD	150	80	78	54	62	36	40	0	0	0	0	8727273	6,94
P1U3	TBUD	TBUD	TBUD	TBUD	TBUD	TBUD	250	132	spreader	100	43	25	25	28	12	8	55000000	7,74
P1U4	TBUD	TBUD	TBUD	TBUD	TBUD	TBUD	108	TBUD	207	192	45	46	43	35	17	15	76818182	7,89
P2U1	TBUD	TBUD	spreader	240	212	TBUD	100	99	50	55	33	45	8	9	0	2	8318182	6,92
P2U2	TBUD	TBUD	TBUD	TBUD	TBUD	TBUD	TBUD	TBUD	TBUD	239	170	166	25	32	19	15	178636364	8,25
P2U3	TBUD	TBUD	TBUD	TBUD	TBUD	TBUD	TBUD	TBUD	225	239	90	77	25	25	10	17	98636364	7,99
P2U4	TBUD	TBUD	TBUD	TBUD	300	298	TBUD	TBUD	93	87	55	70	4	3	6	1	13863636	7,14
P3U1	TBUD	TBUD	TBUD	TBUD	TBUD	TBUD	323	TBUD	TBUD	234	143	136	78	67	6	17	192727273	8,28
P3U2	TBUD	TBUD	TBUD	TBUD	207	260	143	151	103	97	75	69	24	9	6	1	15636364	7,19
P3U3	TBUD	TBUD	TBUD	TBUD	302	255	spreader	199	169	167	87	102	38	26	15	4	115000000	8,06
P3U4	TBUD	TBUD	TBUD	TBUD	TBUD	TBUD	TBUD	260	110	150	34	30	18	20	12	7	14727273	7,17
P4U1	TBUD	TBUD	TBUD	TBUD	TBUD	TBUD	spreader	355	116	200	67	65	21	16	0	0	20363636	7,31
P4U2	TBUD	TBUD	TBUD	TBUD	TBUD	TBUD	TBUD	TBUD	78	44	38	27	40	54	15	16	72272727	7,86
P4U3	TBUD	TBUD	TBUD	TBUD	TBUD	TBUD	TBUD	TBUD	41	36	33	29	17	11	3	5	6318182	6,80
P4U4	TBUD	TBUD	TBUD	TBUD	TBUD	TBUD	TBUD	TBUD	75	88	30	73	48	32	12	3	83181818	7,92
P5U1	TBUD	TBUD	TBUD	TBUD	78	216	237	164	33	79	37	35	25	26	11	9	55909091	7,75
P5U2	TBUD	TBUD	TBUD	TBUD	TBUD	TBUD	286	125	148	spreader	170	144	84	76	20	18	215454545	8,33
P5U3	TBUD	TBUD	TBUD	TBUD	TBUD	TBUD	189	245	TBUD	190	128	63	113	155	213	98	2631818182	9,42
P5U4	TBUD	TBUD	TBUD	124	83	106	16	TBUD	46	30	101	TBUD	141	125	90	149	2295454545	9,36

Keterangan: a,b: cawan duplo

Warna hijau: cawan yang dihitung

Lampiran 6. Data Perhitungan Koloni Kapang Khamir Setiap Cawan AKK

Sampel	Kode Sampel	Pengenceran										AKK	log AKK	Rata-rata (log AKK)	STD
		1		2		3		4		5					
		a	b	a	b	a	b	a	b	a	b				
P1	P1U1	18	22	12	11	7	10	0	0	0	0	1571	3,20	3,64	0,59
	P1U2	23	31	13	19	10	9	4	0	0	0	2000	3,30		
	P1U3	53	66	43	51	22	17	12	16	3	8	30455	4,48		
	P1U4	75	66	24	28	18	13	4	8	0	0	3773	3,58		
P2	P2U1	17	38	19	10	11	13	7	9	1	3	2409	3,38	3,56	0,21
	P2U2	57	60	42	39	25	17	8	8	0	0	5591	3,75		
	P2U3	36	20	12	16	10	13	6	2	0	0	2318	3,37		
	P2U4	TBUD	45	36	31	29	23	9	0	0	0	5409	3,73		
P3	P3U1	41	60	38	40	25	24	17	11	1	1	35000	4,54	3,95	0,61
	P3U2	27	30	19	15	17	12	1	1	0	0	2864	3,46		
	P3U3	TBUD	50	33	27	17	15	11	13	1	2	25455	4,41		
	P3U4	23	20	16	16	14	10	0	1	0	0	2545	3,41		
P4	P4U1	106	132	114	104	53	60	17	21	0	0	68636	4,84	4,41	0,52
	P4U2	95	50	29	29	33	10	0	0	0	0	4591	3,66		
	P4U3	67	165	40	45	20	18	10	14	0	0	28182	4,45		
	P4U4	78	41	39	37	20	34	37	13	6	8	47273	4,67		
P5	P5U1	42	TBUD	21	36	17	23	15	11	10	10	209091	5,32	5,17	0,37
	P5U2	42	50	33	47	30	28	19	13	6	2	40909	4,61		
	P5U3	95	97	88	81	58	46	15	20	10	11	254545	5,41		
	P5U4	78	39	31	26	20	16	15	10	10	13	218182	5,34		

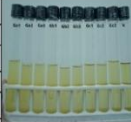
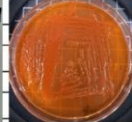
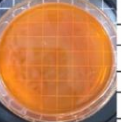
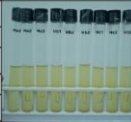
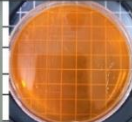
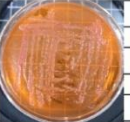
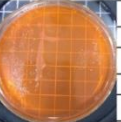
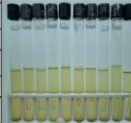
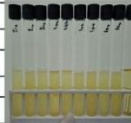
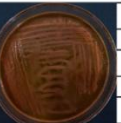
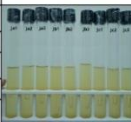
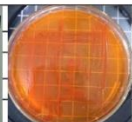
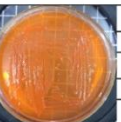
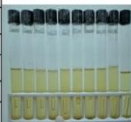
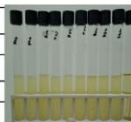
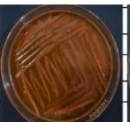
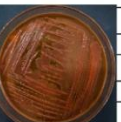
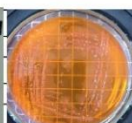
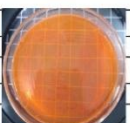
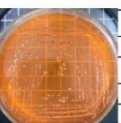
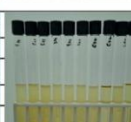
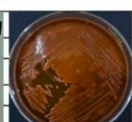
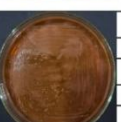
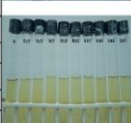
Keterangan: a,b: cawan duplo

Warna biru: cawan yang dihitung

Lampiran 7. Data Perhitungan *Most Probable Number* Koliform

Sampel	UJI	Jumlah tabung positif			Hasil MPN (MPN/ml)	DOKUMENTASI					
		10 ⁻¹	10 ⁻²	10 ⁻³							
P3U3	PENDUGA	1	2	2	1900						
	PENEGASAN	0	3	3							
	PELENGKAP	-	+	+							
P3U4	PENDUGA	1	1	3	3700						
	PENEGASAN	2	2	3							
	PELENGKAP	+	+	+							
P5U3	PENDUGA	3	3	3	189800						
	PENEGASAN	3	3	3							
	PELENGKAP	+	+	+							
P5U1	PENDUGA	2	3	3	4400						
	PENEGASAN	2	3	3							
	PELENGKAP	+	+	+							
P2U4	PENDUGA	3	3	3	189800						
	PENEGASAN	3	3	3							
	PELENGKAP	+	+	+							
P1U4	PENDUGA	3	1	3	11600						
	PENEGASAN	3	2	2							
	PELENGKAP	+	+	+							
P4U1	PENDUGA	2	1	3	1200						
	PENEGASAN	0	1	3							
	PELENGKAP	+	+	+							
P4U2	PENDUGA	3	3	1	189800						
	PENEGASAN	3	3	3							
	PELENGKAP	+	+	+							
P4U3	PENDUGA	3	3	2	189800						
	PENEGASAN	3	3	3							
	PELENGKAP	+	+	+							
P4U4	PENDUGA	3	2	1	27100						
	PENEGASAN	3	3	1							
	PELENGKAP	+	+	-							
P1U2	PENDUGA	2	2	2	189800						
	PENEGASAN	3	3	3							
	PELENGKAP	+	+	+							

Lanjutan Lampiran 7. Data Perhitungan *Most Probable Number* Koliform

P1U3	PENDUGA	3	3	3						
	PENEGASAN	3	3	1	27100					
	PELENGKAP	+	+	-						
P2U2	PENDUGA	2	3	3						
	PENEGASAN	1	3	3	2700					
	PELENGKAP	-	+	+						
P5U4	PENDUGA	2	2	2						
	PENEGASAN	3	3	3	189800					
	PELENGKAP	+	+	+						
P2U3	PENDUGA	3	3	3						
	PENEGASAN	3	3	2	43800					
	PELENGKAP	+	+	+						
P3U1	PENDUGA	3	3	3						
	PENEGASAN	3	3	3	189800					
	PELENGKAP	+	+	+						
P5U2	PENDUGA	3	3	3						
	PENEGASAN	3	3	3	189800					
	PELENGKAP	+	+	+						
P2U1	PENDUGA	3	3	2						
	PENEGASAN	3	3	2	43800					
	PELENGKAP	+	+	+						
P3U2	PENDUGA	2	2	2						
	PENEGASAN	3	3	3	189800					
	PELENGKAP	+	+	+						
P1U1	PENDUGA	1	3	3						
	PENEGASAN	2	3	3	4400					
	PELENGKAP	-	+	+						

Lampiran 8. *Output* SPSS ANOVA Aktivitas Air Ampo Serut

Descriptives

Aktivitas_air

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
Jawa Tengah	4	.3350	.10247	.05123	.1719	.4981	.22	.44
DKI Jakarta	4	.3975	.02363	.01181	.3599	.4351	.38	.43
Jawa Barat	4	.4125	.05560	.02780	.3240	.5010	.35	.48
Jawa Timur	4	.3775	.07411	.03705	.2596	.4954	.28	.44
DI Yogyakarta	4	.6000	.03742	.01871	.5405	.6595	.56	.65
Total	20	.4245	.11019	.02464	.3729	.4761	.22	.65

Tests of Normality

Provinsi		Kolmogorov-Smirnov ^a			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
Aktivitas_air	Jawa Tengah	.237	4	.	.930	4	.594
	DKI Jakarta	.271	4	.	.848	4	.220
	Jawa Barat	.157	4	.	.994	4	.975
	Jawa Timur	.261	4	.	.898	4	.419
	DI Yogyakarta	.250	4	.	.961	4	.783

a. Lilliefors Significance Correction

Test of Homogeneity of Variance

		Levene Statistic	df1	df2	Sig.
Aktivitas_air	Based on Mean	4.354	4	15	.016
	Based on Median	3.732	4	15	.027
	Based on Median and with adjusted df	3.732	4	11.678	.035
	Based on trimmed mean	4.346	4	15	.016

Tests of Between-Subjects Effects

Dependent Variable: Aktivitas_air

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	.188 ^a	7	.027	7.442	.001
Intercept	3.604	1	3.604	1001.344	.000
Provinsi	.168	4	.042	11.639	.000
Blok	.020	3	.007	1.846	.193
Error	.043	12	.004		
Total	3.835	20			
Corrected Total	.231	19			

a. R Squared = .813 (Adjusted R Squared = .704)

Aktivitas_air

Duncan^a

Provinsi	N	Subset for alpha = 0.05	
		1	2
Jawa Tengah	4	.3350	
Jawa Timur	4	.3775	
DKI Jakarta	4	.3975	
Jawa Barat	4	.4125	
DI Yogyakarta	4		.6000
Sig.		.139	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 4.000.

Lampiran 9. *Output* SPSS ANOVA Angka Lempeng Total Ampo Serut

Descriptives

Total_Bakteri

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
Jawa Tengah	4	7.1993	.76790	.38395	5.9774	8.4212	6.23	7.89
DKI Jakarta	4	7.5770	.64561	.32281	6.5497	8.6043	6.92	8.25
Jawa Barat	4	7.6770	.57992	.28996	6.7542	8.5998	7.17	8.28
Jawa Timur	4	7.4721	.52532	.26266	6.6362	8.3080	6.80	7.92
DI Yogyakarta	4	8.7155	.81574	.40787	7.4175	10.0135	7.75	9.42
Total	20	7.7282	.80246	.17943	7.3526	8.1037	6.23	9.42

Tests of Normality

Provinsi		Kolmogorov-Smirnov ^a			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
Total_Bakteri	Jawa Tengah	.259	4	.	.912	4	.495
	DKI Jakarta	.250	4	.	.894	4	.401
	Jawa Barat	.297	4	.	.824	4	.152
	Jawa Timur	.269	4	.	.895	4	.407
	DI Yogyakarta	.286	4	.	.874	4	.312

a. Lilliefors Significance Correction

Test of Homogeneity of Variance

		Levene Statistic	df1	df2	Sig.
Total_Bakteri	Based on Mean	.927	4	15	.474
	Based on Median	.702	4	15	.603
	Based on Median and with adjusted df	.702	4	10.378	.608
	Based on trimmed mean	.924	4	15	.476

Tests of Between-Subjects Effects

Dependent Variable: Total_Bakteri

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	7.881 ^a	7	1.126	3.103	.041
Intercept	1194.492	1	1194.492	3292.107	.000
Provinsi	5.382	4	1.346	3.708	.035
Blok	2.499	3	.833	2.295	.130
Error	4.354	12	.363		
Total	1206.727	20			
Corrected Total	12.235	19			

a. R Squared = .644 (Adjusted R Squared = .437)

Total_Bakteri

Duncan^a

Provinsi	N	Subset for alpha = 0.05	
		1	2
Jawa Tengah	4	7.1993	
Jawa Timur	4	7.4721	
DKI Jakarta	4	7.5770	
Jawa Barat	4	7.6770	
DI Yogyakarta	4		8.7155
Sig.		.372	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 4.000.

Lampiran 10. *Output* SPSS ANOVA Angka Kapang Khamir Ampo Serut

Descriptives

Total_Kapang_Khamir

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
Jawa Tengah	4	3.6394	.58525	.29262	2.7082	4.5707	3.20	4.48
DKI Jakarta	4	3.5569	.21196	.10598	3.2196	3.8942	3.37	3.75
Jawa Barat	4	3.9531	.60551	.30275	2.9896	4.9166	3.41	4.54
Jawa Timur	4	4.4058	.52062	.26031	3.5773	5.2342	3.66	4.84
DI Yogyakarta	4	5.1692	.37338	.18669	4.5750	5.7633	4.61	5.41
Total	20	4.1449	.74391	.16634	3.7967	4.4930	3.20	5.41

Tests of Normality

Provinsi	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
Total_Kapang_Khamir						
Jawa Tengah	.293	4	.	.843	4	.204
DKI Jakarta	.297	4	.	.765	4	.053
Jawa Barat	.294	4	.	.804	4	.109
Jawa Timur	.284	4	.	.877	4	.328
DI Yogyakarta	.407	4	.	.720	4	.019

a. Lilliefors Significance Correction

Test of Homogeneity of Variance

		Levene Statistic	df1	df2	Sig.
Total_Kapang_Khamir	Based on Mean	1.469	4	15	.261
	Based on Median	.860	4	15	.510
	Based on Median and with adjusted df	.860	4	8.799	.524
	Based on trimmed mean	1.300	4	15	.314

Tests of Between-Subjects Effects

Dependent Variable: Total_Kapang_Khamir

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	8.225 ^a	7	1.175	6.176	.003
Intercept	343.712	1	343.712	1806.500	.000
Provinsi	7.017	4	1.754	9.220	.001
Blok	1.208	3	.403	2.116	.152
Error	2.283	12	.190		
Total	354.220	20			
Corrected Total	10.508	19			

a. R Squared = .783 (Adjusted R Squared = .656)

Total_Kapang_Khamir

Duncan^{a,b}

Provinsi	N	Subset		
		1	2	3
DKI Jakarta	4	3.5575		
Jawa Tengah	4	3.6402		
Jawa Barat	4	3.9550	3.9550	
Jawa Timur	4		4.4050	
DI Yogyakarta	4			5.1700
Sig.		.243	.170	1.000

Means for groups in homogeneous subsets are displayed.

Based on observed means.

The error term is Mean Square(Error) = .190.

a. Uses Harmonic Mean Sample Size = 4.000.

b. Alpha = 0.05.

Lampiran 11. *Output* SPSS ANOVA MPN Koliform Ampo Serut

Descriptives

MPN_Coliform

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
Jawa Tengah	4	4.3548	.69505	.34752	3.2488	5.4608	3.64	5.28
DKI Jakarta	4	4.4941	.77098	.38549	3.2674	5.7209	3.43	5.28
Jawa Barat	4	4.3509	1.07738	.53869	2.6365	6.0652	3.28	5.28
Jawa Timur	4	4.5172	1.03819	.51910	2.8652	6.1692	3.08	5.28
DI Yogyakarta	4	4.8696	.81742	.40871	3.5689	6.1703	3.64	5.28
Total	20	4.5173	.81653	.18258	4.1352	4.8995	3.08	5.28

Tests of Normality

		Kolmogorov-Smirnov ^a			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
MPN_Coliform	Jawa Tengah	.205	4	.	.969	4	.833
	DKI Jakarta	.322	4	.	.904	4	.449
	Jawa Barat	.305	4	.	.790	4	.086
	Jawa Timur	.268	4	.	.844	4	.207
	DI Yogyakarta	.441	4	.	.630	4	.001

a. Lilliefors Significance Correction

Test of Homogeneity of Variance

		Levene Statistic	df1	df2	Sig.
MPN_Coliform	Based on Mean	.736	4	15	.582
	Based on Median	.601	4	15	.668
	Based on Median and with adjusted df	.601	4	10.216	.670
	Based on trimmed mean	.721	4	15	.591

Tests of Between-Subjects Effects

Dependent Variable: MPN_Koliform

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	2.582 ^a	7	.369	.437	.861
Intercept	408.066	1	408.066	483.905	.000
Provinsi	.717	4	.179	.213	.926
Blok	1.864	3	.621	.737	.550
Error	10.119	12	.843		
Total	420.767	20			
Corrected Total	12.701	19			

a. R Squared = .203 (Adjusted R Squared = -.262)

MPN_Coliform

Duncan^a

Provinsi	N	Subset for alpha = 0.05
		1
Jawa Barat	4	4.3509
Jawa Tengah	4	4.3548
DKI Jakarta	4	4.4941
Jawa Timur	4	4.5172
DI Yogyakarta	4	4.8696
Sig.		.468

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 4.000.

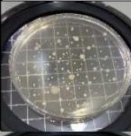
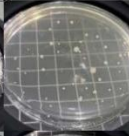
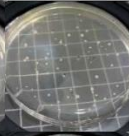
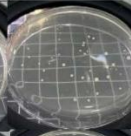
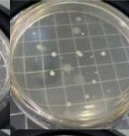
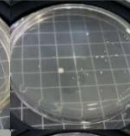
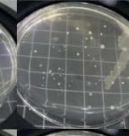
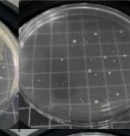
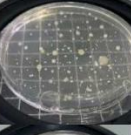
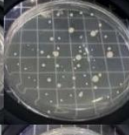
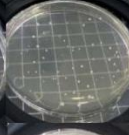
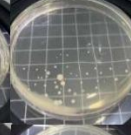
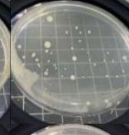
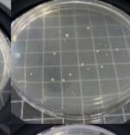
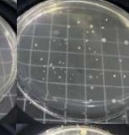
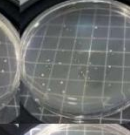
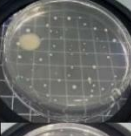
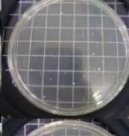
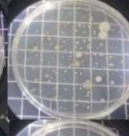
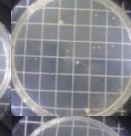
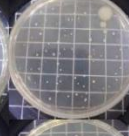
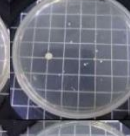
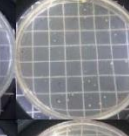
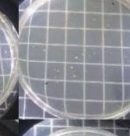
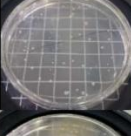
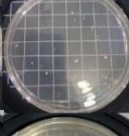
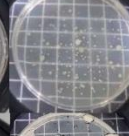
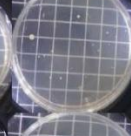
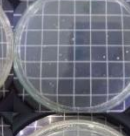
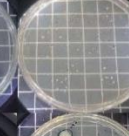
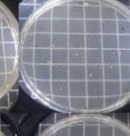
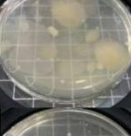
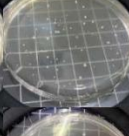
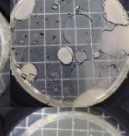
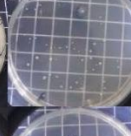
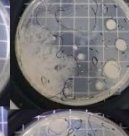
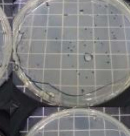
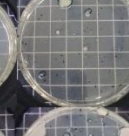
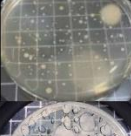
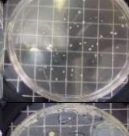
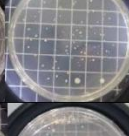
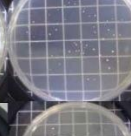
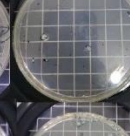
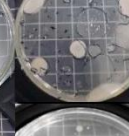
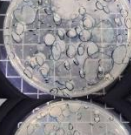
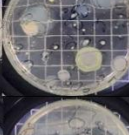
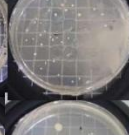
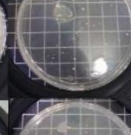
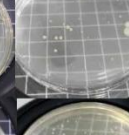
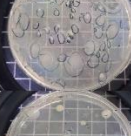
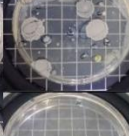
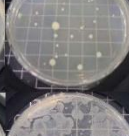
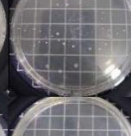
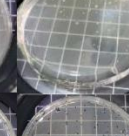
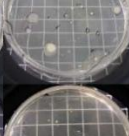
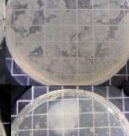
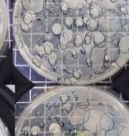
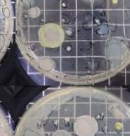
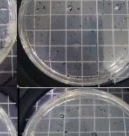
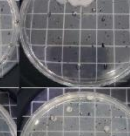
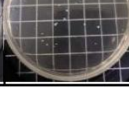
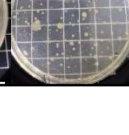
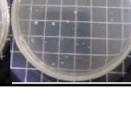
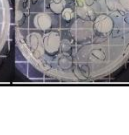
Lampiran 12. *Output* SPSS Korelasi Pearson Lokasi Geografis dengan Aktivitas Air dan Kualitas Mikrobiologi Produk Ampo

Correlations						
		Provinsi	Aktivitas_air	Total_Bakteri	Total_Kapang_Khamir	MPN_Coliform
Provinsi	Pearson Correlation	1	.672**	.529*	.762**	.187
	Sig. (2-tailed)		.001	.016	.000	.430
	N	20	20	20	20	20
Aktivitas_air	Pearson Correlation	.672**	1	.884**	.829**	.215
	Sig. (2-tailed)	.001		.000	.000	.362
	N	20	20	20	20	20
Total_Bakteri	Pearson Correlation	.529*	.884**	1	.725**	.213
	Sig. (2-tailed)	.016	.000		.000	.367
	N	20	20	20	20	20
Total_Kapang_Khamir	Pearson Correlation	.762**	.829**	.725**	1	.046
	Sig. (2-tailed)	.000	.000	.000		.846
	N	20	20	20	20	20
MPN_Coliform	Pearson Correlation	.187	.215	.213	.046	1
	Sig. (2-tailed)	.430	.362	.367	.846	
	N	20	20	20	20	20

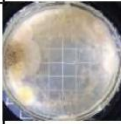
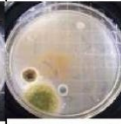
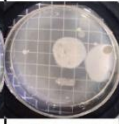
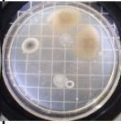
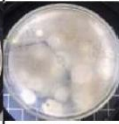
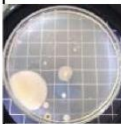
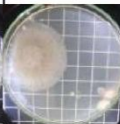
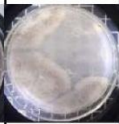
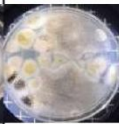
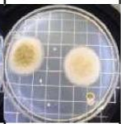
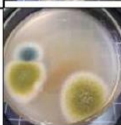
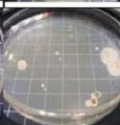
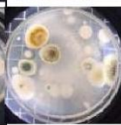
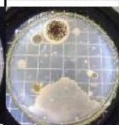
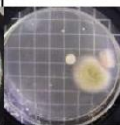
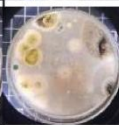
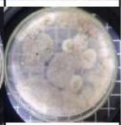
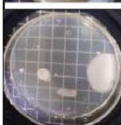
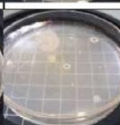
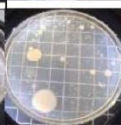
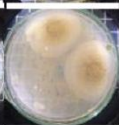
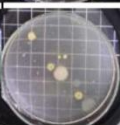
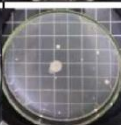
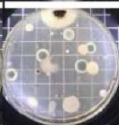
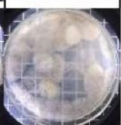
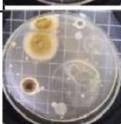
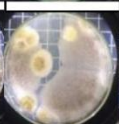
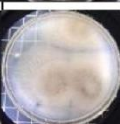
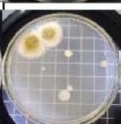
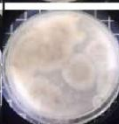
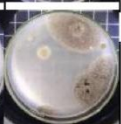
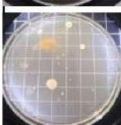
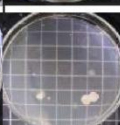
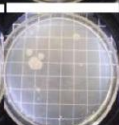
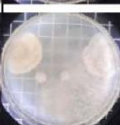
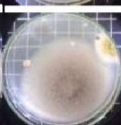
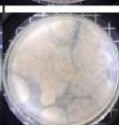
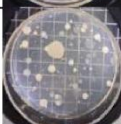
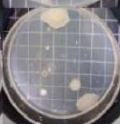
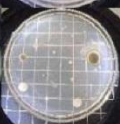
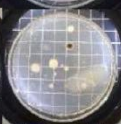
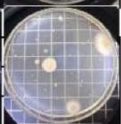
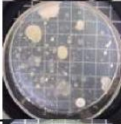
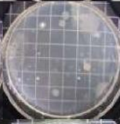
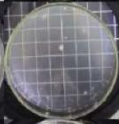
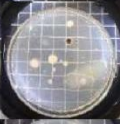
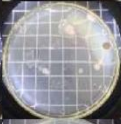
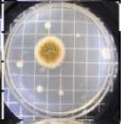
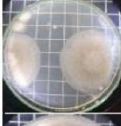
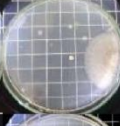
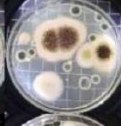
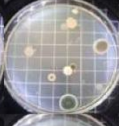
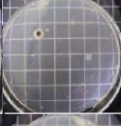
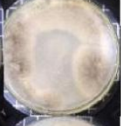
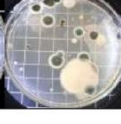
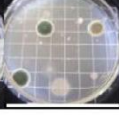
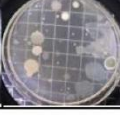
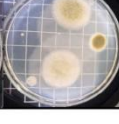
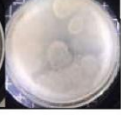
** . Correlation is significant at the 0.01 level (2-tailed).

* . Correlation is significant at the 0.05 level (2-tailed).

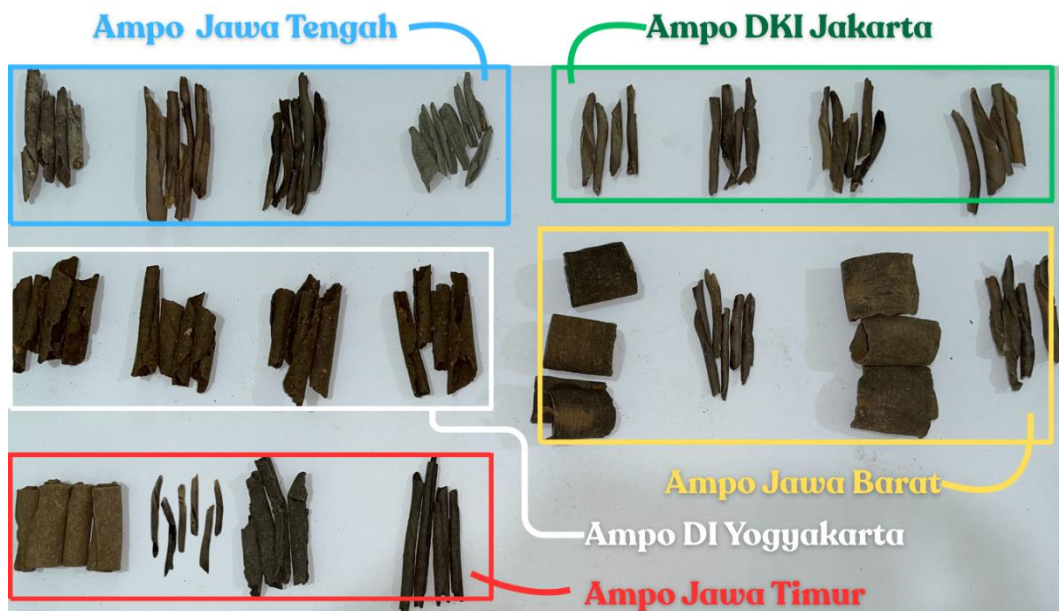
Lampiran 13. Dokumentasi Cawan ALT yang Dihitung

Kode Sampel	DOKUMENTASI CAWAN YANG DI HITUNG							
	U1		U2		U3		U4	
	1	2	1	2	1	2	1	2
P1								
								
P2								
								
P3								
								
P4								
								
P5								
								

Lampiran 14. Dokumentasi Cawan AKK yang Dihitung

Kode Sampel	DOKUMENTASI CAWAN YANG DI HITUNG							
	U1		U2		U3		U4	
	1	2	1	2	1	2	1	2
P1								
								
P2								
								
P3								
								
P4								
								
P5								
								

Lampiran 15. Dokumentasi Ampo Serut dari 5 Provinsi di Pulau Jawa



Lampiran 16. Dokumentasi Pelaksanaan Penelitian



RIWAYAT HIDUP



Penulis yang bernama lengkap Pande Maharani Lumbanbatu lahir di Pansurbatu, Humbang Hasundutan, Sumatera Utara, pada tanggal 6 April 2004. Penulis merupakan anak ke dua dari empat bersaudara dari pasangan Bapak Lundu Marnala Lumbanbatu dan Ibu Rusliana Pardosi. Penulis memulai pendidikan formal di SD Negeri 173434 Pollung pada tahun 2010 hingga 2016. Kemudian, penulis melanjutkan pendidikan di SMP Swasta St. Lusius Doloksanggul dan berhasil menyelesaikannya pada tahun 2019. Pendidikan menengah atas ditempuh di SMA Negeri 1 Pollung pada tahun 2019 hingga 2022. Pada tahun yang sama penulis melanjutkan studi di Program Studi Teknologi Pangan, Fakultas Peternakan dan Pertanian, Universitas Diponegoro.

Selama menjalani perkuliahan, penulis aktif dalam beberapa kegiatan kepanitiaan dan organisasi di kampus diantaranya adalah Badan Eksekutif Mahasiswa Fakultas Peternakan dan Pertanian (BEM FPP), Persekutuan Rohani Mahasiswa Katolik (PRMK FPP), IAAS LC UNDIP (*International Association of Student Agricultural and Related Sciences Local Committee* UNDIP), dan *Student Entrepreneur Centre* (SEC FPP). Penulis juga pernah melakukan magang di CV. Sundoro Indonesia dalam fokus HACCP dan *quality control*. Di sela-sela kegiatan perkuliahan, penulis membuka usaha F&B dengan label CHIMOWCHI yang berhasil mendapat pendanaan dan bimbingan dari Prodi Agribisnis FPP UNDIP.