LAMPIRAN A

Perhitungan Susut Pengeringan dan Kadar Abu Serbuk

Perhitungan Susut Pengeringan Serbuk Umbi Ganyong

Replikasi	Hasil susut pengeringan (% b/b)
1	9,0
2	9,2
3	8,8
Rerata	9,0

Perhitungan Penetapan Kadar Abu Serbuk Umbi Ganyong

Replikasi	W serbuk (gram)	W (krus kosong+abu) (gram)	W (krus kosong) (gram)	W abu (gram)	Kadar abu (% b/b)
1	2,3510	21,4194	21,1595	0,2599	11,05
2	2,2150	21,4179	21,1670	0,2509	11,32
3	2,2125	21,4189	21,1775	0,2414	10,91

Rerata = 11,09

$$kadar\ abu = \left[\frac{W\ (krus\ kosong + abu) - W(krus\ kosong)}{W\ simplisia} \right] x\ 100\%$$

Contoh perhitungan kadar abu:

$$kadar\ abu = \left[\frac{21{,}4194 - 21{,}1595}{2{,}3510} \right] x100\%$$

$$= 11{,}05\%$$

LAMPIRAN B

Perhitungan Kadar Abu Ekstrak, Kadar Sari Ekstrak yang Larut dalam Etanol, dan Randemen Ekstrak

Perhitungan Penetapan Kadar Abu Ekstrak Umbi Ganyong

Replikasi	W ekstrak (gram)	W (krus kosong+abu) (gram)	W (krus kosong) (gram)	W abu (gram)	Kadar abu (% b/b)
1	2,2765	19,9305	19,5653	0,3652	16,04
2	2,1772	19,0767	18,7445	0,3322	15,26
3	2,1119	19,0879	18,7224	0,3655	17,31

Rerata = 16,20

$$kadar\ abu = \left[\frac{W\ (krus\ kosong + abu) - W(krus\ kosong)}{W\ simplisia}\right] x\ 100\%$$

Contoh perhitungan kadar abu:

$$kadar\ abu = \left[\frac{19{,}9305 - 19{,}5653}{2{,}2765}\right] x\ 100\% \qquad = 16{,}04\ \%$$

Perhitungan Kadar Sari Ekstrak yang Larut dalam Etanol

Replikasi	W ekstrak (gram)	W (cawan+sari) (gram)	W (cawan kosong) (gram)	W sari (gram)	Kadar sari yang larut dalam etanol (% b/b)
1	5,0687	52,9636	52,0219	0,9417	18,58
2	5,0564	52,9785	52,0323	0,9462	18,71
3	5,0553	52,9772	52,0335	0,9437	18,67

Rerata = 18,65

$$Randemen\ ekstrak = \frac{berat\ ekstrak\ kental}{berat\ simplisia}\ x\ 100\%$$

$$= \frac{150\ ,210}{1300}\ x\ 100\ \%\ = 11\ ,05\ \%$$

LAMPIRAN C

Perhitungan Harga Rf pada Pemeriksaan secara KLT

$$Rf = \frac{jarak\ yang\ ditempuh\ oleh\ zat}{Jarak\ yang\ ditempuh\ oleh\ fase\ gerak}$$

Zat Berkhasiat	Pengamatan	Noda	Rf_1	Rf_2
Flavonoid	UV 254 nm	A	$\frac{4,5}{8} = 0,5625$	$\frac{6}{8} = 0,75$
		B	$\frac{4,5}{8} = 0,5625$	$\frac{6}{8} = 0,75$
		C		$\frac{6}{8} = 0,75$
	UV 366 nm	A	$\frac{4,5}{8} = 0,5625$	$\frac{6}{8} = 0,75$
		B	$\frac{4,5}{8} = 0,5625$	$\frac{6}{8} = 0,75$
		C		$\frac{6}{8} = 0,75$
Saponin	UV 254 nm	A	$\frac{1,2}{8} = 0,15$	$\frac{4,8}{8} = 0,6$
		B	$\frac{1,2}{8} = 0,15$	$\frac{4,8}{8} = 0,6$
		C	$\frac{1,2}{8} = 0,15$	$\frac{5}{8} = 0,625$
	UV 366 nm	A	$\frac{1,2}{8} = 0,15$	$\frac{4,8}{8} = 0,6$
		B	$\frac{1,2}{8} = 0,15$	$\frac{4,8}{8} = 0,6$
		C	$\frac{1,2}{8} = 0,15$	$\frac{5}{8} = 0,625$

LAMPIRAN D

Perhitungan Anava Volume Telapak Kaki Tikus Putih Pada Jam Ke- 0

Descriptives

VOLUME

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
pga3	5	20.0960	5.2542	2.3498	13.5720	26.6200	12.56	25.12
fenil	5	16.3280	5.6170	2.5120	9.3536	23.3024	12.56	25.12
e1,0	5	17.5840	6.8794	3.0766	9.0421	26.1259	12.56	25.12
e1,5	5	18.8400	8.8813	3.9718	7.8125	29.8675	12.56	31.40
e2,0	5	18.8400	6.2800	2.8085	11.0424	26.6376	12.56	25.12
Total	25	18.3376	6.2590	1.2518	15.7540	20.9212	12.56	31.40

ANOVA

VOLUME

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	41.016	4	10.254	.228	.919
Within Groups	899.196	20	44.960		
Total	940.211	24			

Multiple Comparisons

Dependent Variable: VOLUME

Tukey HSD

(I) FORMULA	(J) FORMULA	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
pga3	fenil	3.7680	4.2407	.898	-8.9220	16.4580
	e1,0	2.5120	4.2407	.975	-10.1780	15.2020
	e1,5	1.2560	4.2407	.998	-11.4340	13.9460
	e2,0	1.2560	4.2407	.998	-11.4340	13.9460
fenil	pga3	-3.7680	4.2407	.898	-16.4580	8.9220
	e1,0	-1.2560	4.2407	.998	-13.9460	11.4340
	e1,5	-2.5120	4.2407	.975	-15.2020	10.1780
	e2,0	-2.5120	4.2407	.975	-15.2020	10.1780
e1,0	pga3	-2.5120	4.2407	.975	-15.2020	10.1780
	fenil	1.2560	4.2407	.998	-11.4340	13.9460
	e1,5	-1.2560	4.2407	.998	-13.9460	11.4340
	e2,0	-1.2560	4.2407	.998	-13.9460	11.4340
e1,5	pga3	-1.2560	4.2407	.998	-13.9460	11.4340
	fenil	2.5120	4.2407	.975	-10.1780	15.2020
	e1,0	1.2560	4.2407	.998	-11.4340	13.9460
	e2,0	.0000	4.2407	1.000	-12.6900	12.6900
e2,0	pga3	-1.2560	4.2407	.998	-13.9460	11.4340
	fenil	2.5120	4.2407	.975	-10.1780	15.2020
	e1,0	1.2560	4.2407	.998	-11.4340	13.9460
	e1,5	.0000	4.2407	1.000	-12.6900	12.6900

LAMPIRAN E

Perhitungan Anava Volume Telapak Kaki Tikus Putih Pada Jam Ke- 2

Descriptives

VOLUME

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
pga3	5	28.8880	5.6170	2.5120	21.9136	35.8624	18.84	31.40
fenil	5	30.1440	5.2542	2.3498	23.6200	36.6680	25.12	37.68
e1,0	5	32.6560	5.2542	2.3498	26.1320	39.1800	25.12	37.68
e1,5	5	32.6560	8.1881	3.6618	22.4891	42.8229	25.12	43.96
e2,0	5	32.6560	8.1881	3.6618	22.4891	42.8229	25.12	43.96
Total	25	31.4000	6.2800	1.2560	28.8077	33.9923	18.84	43.96

ANOVA

VOLUME

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	63.101	4	15.775	.357	.836
Within Groups	883.420	20	44.171		
Total	946.522	24			

Multiple Comparisons

Dependent Variable: VOLUME

Tukey HSD

(I) FORMULA	(J) FORMULA	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
pga3	fenil	-1.2560	4.2034	.998	-13.8342	11.3222
	e1,0	-3.7680	4.2034	.895	-16.3462	8.8102
	e1,5	-3.7680	4.2034	.895	-16.3462	8.8102
	e2,0	-3.7680	4.2034	.895	-16.3462	8.8102
fenil	pga3	1.2560	4.2034	.998	-11.3222	13.8342
	e1,0	-2.5120	4.2034	.974	-15.0902	10.0662
	e1,5	-2.5120	4.2034	.974	-15.0902	10.0662
	e2,0	-2.5120	4.2034	.974	-15.0902	10.0662
e1,0	pga3	3.7680	4.2034	.895	-8.8102	16.3462
	fenil	2.5120	4.2034	.974	-10.0662	15.0902
	e1,5	.0000	4.2034	1.000	-12.5782	12.5782
	e2,0	.0000	4.2034	1.000	-12.5782	12.5782
e1,5	pga3	3.7680	4.2034	.895	-8.8102	16.3462
	fenil	2.5120	4.2034	.974	-10.0662	15.0902
	e1,0	.0000	4.2034	1.000	-12.5782	12.5782
	e2,0	.0000	4.2034	1.000	-12.5782	12.5782
e2,0	pga3	3.7680	4.2034	.895	-8.8102	16.3462
	fenil	2.5120	4.2034	.974	-10.0662	15.0902
	e1,0	.0000	4.2034	1.000	-12.5782	12.5782
	e1,5	.0000	4.2034	1.000	-12.5782	12.5782

LAMPIRAN F

Perhitungan Anava Volume Telapak Kaki Tikus Putih Pada Jam Ke- 4

Descriptives

VOLUME

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
pga3	5	32.6560	5.2542	2.3498	26.1320	39.1800	25.12	37.68
fenil	5	23.8640	5.2542	2.3498	17.3400	30.3880	18.84	31.40
e1,0	5	31.4000	6.2800	2.8085	23.6024	39.1976	25.12	37.68
e1,5	5	28.8880	8.4255	3.7680	18.4264	39.3496	18.84	37.68
e2,0	5	30.1440	6.8794	3.0766	21.6021	38.6859	25.12	37.68
Total	25	29.3904	6.7150	1.3430	26.6186	32.1622	18.84	37.68

ANOVA

VOLUME

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	230.320	4	57.580	1.352	.286
Within Groups	851.869	20	42.593		
Total	1082.190	24			

Multiple Comparisons

Dependent Variable: VOLUME

Tukey HSD

(I) FORMULA	(J) FORMULA	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
pga3	fenil	8.7920	4.1276	.246	-3.5595	21.1435
	e1,0	1.2560	4.1276	.998	-11.0955	13.6075
	e1,5	3.7680	4.1276	.889	-8.5835	16.1195
	e2,0	2.5120	4.1276	.972	-9.8395	14.8635
fenil	pga3	-8.7920	4.1276	.246	-21.1435	3.5595
	e1,0	-7.5360	4.1276	.387	-19.8875	4.8155
	e1,5	-5.0240	4.1276	.742	-17.3755	7.3275
	e2,0	-6.2800	4.1276	.561	-18.6315	6.0715
e1,0	pga3	-1.2560	4.1276	.998	-13.6075	11.0955
	fenil	7.5360	4.1276	.387	-4.8155	19.8875
	e1,5	2.5120	4.1276	.972	-9.8395	14.8635
	e2,0	1.2560	4.1276	.998	-11.0955	13.6075
e1,5	pga3	-3.7680	4.1276	.889	-16.1195	8.5835
	fenil	5.0240	4.1276	.742	-7.3275	17.3755
	e1,0	-2.5120	4.1276	.972	-14.8635	9.8395
	e2,0	-1.2560	4.1276	.998	-13.6075	11.0955
e2,0	pga3	-2.5120	4.1276	.972	-14.8635	9.8395
	fenil	6.2800	4.1276	.561	-6.0715	18.6315
	e1,0	-1.2560	4.1276	.998	-13.6075	11.0955
	e1,5	1.2560	4.1276	.998	-11.0955	13.6075

LAMPIRAN G

Perhitungan Anava Volume Telapak Kaki Tikus Putih Pada Jam Ke- 6

Descriptives

VOLUME

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
pga3	5	35.1680	5.6170	2.5120	28.1936	42.1424	25.12	37.68
fenil	5	21.3520	3.4397	1.5383	17.0811	25.6229	18.84	25.12
e1,0	5	25.1200	6.2800	2.8085	17.3224	32.9176	18.84	31.40
e1,5	5	23.8640	10.3191	4.6148	11.0512	36.6768	12.56	37.68
e2,0	5	26.3760	8.1881	3.6618	16.2091	36.5429	18.84	37.68
Total	25	26.3760	8.1074	1.6215	23.0294	29.7226	12.56	37.68

ANOVA

VOLUME

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	552.138	4	138.034	2.692	.061
Within Groups	1025.398	20	51.270		
Total	1577.536	24			

Multiple Comparisons

Dependent Variable: VOLUME

Tukey HSD

(I) FORMULA	(J) FORMULA	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
pga3	fenil	13.8160*	4.5286	.044	.2647	27.3673
	e1,0	10.0480	4.5286	.213	-3.5033	23.5993
	e1,5	11.3040	4.5286	.131	-2.2473	24.8553
	e2,0	8.7920	4.5286	.329	-4.7593	22.3433
fenil	pga3	-13.8160*	4.5286	.044	-27.3673	-.2647
	e1,0	-3.7680	4.5286	.917	-17.3193	9.7833
	e1,5	-2.5120	4.5286	.980	-16.0633	11.0393
	e2,0	-5.0240	4.5286	.800	-18.5753	8.5273
e1,0	pga3	-10.0480	4.5286	.213	-23.5993	3.5033
	fenil	3.7680	4.5286	.917	-9.7833	17.3193
	e1,5	1.2560	4.5286	.999	-12.2953	14.8073
	e2,0	-1.2560	4.5286	.999	-14.8073	12.2953
e1,5	pga3	-11.3040	4.5286	.131	-24.8553	2.2473
	fenil	2.5120	4.5286	.980	-11.0393	16.0633
	e1,0	-1.2560	4.5286	.999	-14.8073	12.2953
	e2,0	-2.5120	4.5286	.980	-16.0633	11.0393
e2,0	pga3	-8.7920	4.5286	.329	-22.3433	4.7593
	fenil	5.0240	4.5286	.800	-8.5273	18.5753
	e1,0	1.2560	4.5286	.999	-12.2953	14.8073
	e1,5	2.5120	4.5286	.980	-11.0393	16.0633

*. The mean difference is significant at the .05 level.

LAMPIRAN H

Perhitungan Anava Volume Telapak Kaki Tikus Putih Pada Jam Ke- 8

Descriptives

VOLUME

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
pga3	5	38.9360	5.2542	2.3498	32.4120	45.4600	31.40	43.96
fenil	5	16.3280	5.6170	2.5120	9.3536	23.3024	12.56	25.12
e1,0	5	21.3520	7.1603	3.2022	12.4613	30.2427	12.56	31.40
e1,5	5	20.0960	10.3191	4.6148	7.2832	32.9088	12.56	31.40
e2,0	5	23.8640	6.8794	3.0766	15.3221	32.4059	18.84	31.40
Total	25	24.1152	10.3636	2.0727	19.8373	28.3931	12.56	43.96

ANOVA

VOLUME

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	1520.745	4	380.186	7.194	.001
Within Groups	1056.949	20	52.847		
Total	2577.694	24			

Multiple Comparisons

Dependent Variable: VOLUME

Tukey HSD

(I) FORMULA	(J) FORMULA	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
pga3	fenil	22.6080*	4.5977	.001	8.8498	36.3662
	e1,0	17.5840*	4.5977	.008	3.8258	31.3422
	e1,5	18.8400*	4.5977	.005	5.0818	32.5982
	e2,0	15.0720*	4.5977	.028	1.3138	28.8302
fenil	pga3	-22.6080*	4.5977	.001	-36.3662	-8.8498
	e1,0	-5.0240	4.5977	.808	-18.7822	8.7342
	e1,5	-3.7680	4.5977	.921	-17.5262	9.9902
	e2,0	-7.5360	4.5977	.491	-21.2942	6.2222
e1,0	pga3	-17.5840*	4.5977	.008	-31.3422	-3.8258
	fenil	5.0240	4.5977	.808	-8.7342	18.7822
	e1,5	1.2560	4.5977	.999	-12.5022	15.0142
	e2,0	-2.5120	4.5977	.981	-16.2702	11.2462
e1,5	pga3	-18.8400*	4.5977	.005	-32.5982	-5.0818
	fenil	3.7680	4.5977	.921	-9.9902	17.5262
	e1,0	-1.2560	4.5977	.999	-15.0142	12.5022
	e2,0	-3.7680	4.5977	.921	-17.5262	9.9902
e2,0	pga3	-15.0720*	4.5977	.028	-28.8302	-1.3138
	fenil	7.5360	4.5977	.491	-6.2222	21.2942
	e1,0	2.5120	4.5977	.981	-11.2462	16.2702
	e1,5	3.7680	4.5977	.921	-9.9902	17.5262

*. The mean difference is significant at the .05 level.

LAMPIRAN I

Perhitungan Anava Jumlah Leukosit Tikus Putih Pada Jam Ke- 0

Descriptives

LEUCOSIT

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
pga3	5	7100.00	380.79	170.29	6627.19	7572.81	6650	7600
feni	5	7510.00	926.96	414.55	6359.03	8660.97	6400	8550
d1	5	9310.00	517.69	231.52	8667.21	9952.79	8750	9950
d2	5	8710.00	566.13	253.18	8007.06	9412.94	8200	9350
d3	5	9200.00	691.92	309.43	8340.87	10059.13	8400	9900
Total	25	8366.00	1089.51	217.90	7916.27	8815.73	6400	9950

ANOVA

LEUCOSIT

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	2.0E+07	4	5050650	12.191	.000
Within Groups	8286000	20	414300.0		
Total	2.8E+07	24			

Multiple Comparisons

Dependent Variable: LEUCOSIT

Tukey HSD

(I) FORMULA	(J) FORMULA	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
pga3	feni	-410.00	407.09	.849	-1628.17	808.17
	d1	-2210.00*	407.09	.000	-3428.17	-991.83
	d2	-1610.00*	407.09	.006	-2828.17	-391.83
	d3	-2100.00*	407.09	.000	-3318.17	-881.83
feni	pga3	410.00	407.09	.849	-808.17	1628.17
	d1	-1800.00*	407.09	.002	-3018.17	-581.83
	d2	-1200.00	407.09	.055	-2418.17	18.17
	d3	-1690.00*	407.09	.004	-2908.17	-471.83
d1	pga3	2210.00*	407.09	.000	991.83	3428.17
	feni	1800.00*	407.09	.002	581.83	3018.17
	d2	600.00	407.09	.590	-618.17	1818.17
	d3	110.00	407.09	.999	-1108.17	1328.17
d2	pga3	1610.00*	407.09	.006	391.83	2828.17
	feni	1200.00	407.09	.055	-18.17	2418.17
	d1	-600.00	407.09	.590	-1818.17	618.17
	d3	-490.00	407.09	.749	-1708.17	728.17
d3	pga3	2100.00*	407.09	.000	881.83	3318.17
	feni	1690.00*	407.09	.004	471.83	2908.17
	d1	-110.00	407.09	.999	-1328.17	1108.17
	d2	490.00	407.09	.749	-728.17	1708.17

*. The mean difference is significant at the .05 level.

LAMPIRAN J

Perhitungan Anava Jumlah Leukosit Tikus Putih Pada Jam Ke- 2

Descriptives

LEUCOSIT

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
pga3	5	12900.00	711.51	318.20	12016.54	13783.46	12050	13700
feni	5	13340.00	668.39	298.91	12510.08	14169.92	12700	14400
d1	5	13060.00	608.69	272.21	12304.22	13815.78	12350	13750
d2	5	12800.00	927.36	414.73	11648.53	13951.47	11800	14200
d3	5	13100.00	806.23	360.56	12098.94	14101.06	12350	14150
Total	25	13040.00	712.68	142.54	12745.82	13334.18	11800	14400

Test of Homogeneity of Variances

LEUCOSIT

Levene Statistic	df1	df2	Sig.
.452	4	20	.770

ANOVA

LEUCOSIT

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	856000.0	4	214000.0	.378	.822
Within Groups	1.1E+07	20	566700.0		
Total	1.2E+07	24			

Post Hoc Tests

Multiple Comparisons

Dependent Variable: LEUCOSIT

Tukey HSD

(I) FORMULA	(J) FORMULA	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
pga3	feni	-440.00	476.11	.884	-1864.71	984.71
	d1	-160.00	476.11	.997	-1584.71	1264.71
	d2	100.00	476.11	1.000	-1324.71	1524.71
	d3	-200.00	476.11	.993	-1624.71	1224.71
feni	pga3	440.00	476.11	.884	-984.71	1864.71
	d1	280.00	476.11	.975	-1144.71	1704.71
	d2	540.00	476.11	.787	-884.71	1964.71
	d3	240.00	476.11	.986	-1184.71	1664.71
d1	pga3	160.00	476.11	.997	-1264.71	1584.71
	feni	-280.00	476.11	.975	-1704.71	1144.71
	d2	260.00	476.11	.981	-1164.71	1684.71
	d3	-40.00	476.11	1.000	-1464.71	1384.71
d2	pga3	-100.00	476.11	1.000	-1524.71	1324.71
	feni	-540.00	476.11	.787	-1964.71	884.71
	d1	-260.00	476.11	.981	-1684.71	1164.71
	d3	-300.00	476.11	.968	-1724.71	1124.71
d3	pga3	200.00	476.11	.993	-1224.71	1624.71
	feni	-240.00	476.11	.986	-1664.71	1184.71
	d1	40.00	476.11	1.000	-1384.71	1464.71
	d2	300.00	476.11	.968	-1124.71	1724.71

LAMPIRAN K

Perhitungan Anava Jumlah Leukosit Tikus Putih Pada Jam Ke- 4

Descriptives

LEUCOSIT

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
pga3	5	14550.00	398.43	178.19	14055.28	15044.72	14000	15050
feni	5	11810.00	685.02	306.35	10959.44	12660.56	10800	12500
d1	5	11850.00	847.79	379.14	10797.33	12902.67	10450	12550
d2	5	11860.00	712.74	318.75	10975.01	12744.99	11250	13050
d3	5	12220.00	708.52	316.86	11340.26	13099.74	11350	13050
Total	25	12458.00	1247.14	249.43	11943.21	12972.79	10450	15050

Test of Homogeneity of Variances

LEUCOSIT

Levene Statistic	df1	df2	Sig.
.417	4	20	.795

ANOVA

LEUCOSIT

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	2.8E+07	4	6975350	14.799	.000
Within Groups	9427000	20	471350.0		
Total	3.7E+07	24			

Post Hoc Tests

Multiple Comparisons

Dependent Variable: LEUCOSIT

Tukey HSD

(I) FORMULA	(J) FORMULA	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
pga3	feni	2740.00*	434.21	.000	1440.66	4039.34
	d1	2700.00*	434.21	.000	1400.66	3999.34
	d2	2690.00*	434.21	.000	1390.66	3989.34
	d3	2330.00*	434.21	.000	1030.66	3629.34
feni	pga3	-2740.00*	434.21	.000	-4039.34	-1440.66
	d1	-40.00	434.21	1.000	-1339.34	1259.34
	d2	-50.00	434.21	1.000	-1349.34	1249.34
	d3	-410.00	434.21	.876	-1709.34	889.34
d1	pga3	-2700.00*	434.21	.000	-3999.34	-1400.66
	feni	40.00	434.21	1.000	-1259.34	1339.34
	d2	-10.00	434.21	1.000	-1309.34	1289.34
	d3	-370.00	434.21	.911	-1669.34	929.34
d2	pga3	-2690.00*	434.21	.000	-3989.34	-1390.66
	feni	50.00	434.21	1.000	-1249.34	1349.34
	d1	10.00	434.21	1.000	-1289.34	1309.34
	d3	-360.00	434.21	.918	-1659.34	939.34
d3	pga3	-2330.00*	434.21	.000	-3629.34	-1030.66
	feni	410.00	434.21	.876	-889.34	1709.34
	d1	370.00	434.21	.911	-929.34	1669.34
	d2	360.00	434.21	.918	-939.34	1659.34

*. The mean difference is significant at the .05 level.

LAMPIRAN L

Perhitungan Anava Jumlah Leukosit Tikus Putih Pada Jam Ke- 6

Descriptives

LEUCOSIT

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
pga3	5	16010.00	604.57	270.37	15259.33	16760.67	15300	16800
feni	5	9660.00	780.54	349.07	8690.83	10629.17	8650	10550
d1	5	10460.00	696.78	311.61	9594.84	11325.16	9750	11500
d2	5	10270.00	475.13	212.49	9680.05	10859.95	9500	10700
d3	5	11500.00	843.36	377.16	10452.83	12547.17	10250	12600
Total	25	11580.00	2424.10	484.82	10579.38	12580.62	8650	16800

ANOVA

LEUCOSIT

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	1.3E+08	4	3.3E+07	68.537	.000
Within Groups	9589000	20	479450.0		
Total	1.4E+08	24			

Multiple Comparisons

Dependent Variable: LEUCOSIT

Tukey HSD

(I) FORMULA	(J) FORMULA	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
pga3	feni	6350.00*	437.93	.000	5039.55	7660.45
	d1	5550.00*	437.93	.000	4239.55	6860.45
	d2	5740.00*	437.93	.000	4429.55	7050.45
	d3	4510.00*	437.93	.000	3199.55	5820.45
feni	pga3	-6350.00*	437.93	.000	-7660.45	-5039.55
	d1	-800.00	437.93	.387	-2110.45	510.45
	d2	-610.00	437.93	.639	-1920.45	700.45
	d3	-1840.00*	437.93	.004	-3150.45	-529.55
d1	pga3	-5550.00*	437.93	.000	-6860.45	-4239.55
	feni	800.00	437.93	.387	-510.45	2110.45
	d2	190.00	437.93	.992	-1120.45	1500.45
	d3	-1040.00	437.93	.163	-2350.45	270.45
d2	pga3	-5740.00*	437.93	.000	-7050.45	-4429.55
	feni	610.00	437.93	.639	-700.45	1920.45
	d1	-190.00	437.93	.992	-1500.45	1120.45
	d3	-1230.00	437.93	.072	-2540.45	80.45
d3	pga3	-4510.00*	437.93	.000	-5820.45	-3199.55
	feni	1840.00*	437.93	.004	529.55	3150.45
	d1	1040.00	437.93	.163	-270.45	2350.45
	d2	1230.00	437.93	.072	-80.45	2540.45

*. The mean difference is significant at the .05 level.

LAMPIRAN M

Perhitungan Anava Jumlah Leukosit Tikus Putih Pada Jam Ke- 8

Descriptives

LEUCOSIT

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
pga3	5	17410.00	969.79	433.70	16205.84	18614.16	16100	18700
feni	5	8310.00	883.46	395.09	7213.04	9406.96	7100	9400
d1	5	9420.00	1009.70	451.55	8166.29	10673.71	8150	10250
d2	5	9310.00	309.03	138.20	8926.29	9693.71	8900	9750
d3	5	10420.00	393.06	175.78	9931.95	10908.05	9950	10850
Total	25	10974.00	3427.89	685.58	9559.04	12388.96	7100	18700

Test of Homogeneity of Variances

LEUCOSIT

Levene Statistic	df1	df2	Sig.
3.200	4	20	.035

ANOVA

LEUCOSIT

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	2.7E+08	4	6.8E+07	112.878	.000
Within Groups	1.2E+07	20	598100.0		
Total	2.8E+08	24			

Post Hoc Tests

Multiple Comparisons

Dependent Variable: LEUCOSIT

Tukey HSD

(I) FORMULA	(J) FORMULA	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
pga3	feni	9100.00*	489.12	.000	7636.35	10563.65
	d1	7990.00*	489.12	.000	6526.35	9453.65
	d2	8100.00*	489.12	.000	6636.35	9563.65
	d3	6990.00*	489.12	.000	5526.35	8453.65
feni	pga3	-9100.00*	489.12	.000	-10563.65	-7636.35
	d1	-1110.00	489.12	.196	-2573.65	353.65
	d2	-1000.00	489.12	.282	-2463.65	463.65
	d3	-2110.00*	489.12	.003	-3573.65	-646.35
d1	pga3	-7990.00*	489.12	.000	-9453.65	-6526.35
	feni	1110.00	489.12	.196	-353.65	2573.65
	d2	110.00	489.12	.999	-1353.65	1573.65
	d3	-1000.00	489.12	.282	-2463.65	463.65
d2	pga3	-8100.00*	489.12	.000	-9563.65	-6636.35
	feni	1000.00	489.12	.282	-463.65	2463.65
	d1	-110.00	489.12	.999	-1573.65	1353.65
	d3	-1110.00	489.12	.196	-2573.65	353.65
d3	pga3	-6990.00*	489.12	.000	-8453.65	-5526.35
	feni	2110.00*	489.12	.003	646.35	3573.65
	d1	1000.00	489.12	.282	-463.65	2463.65
	d2	1110.00	489.12	.196	-353.65	2573.65

*. The mean difference is significant at the .05 level.

LAMPIRAN N

Hasil Orientasi Optimasi Pelarut dan Dosis Terpilih

1. Optimasi Pelarut

Tikus yang diberi Suspensi PGA 3%

No. Tikus	Jam ke- 0	1	2	3	4
1	0.2	0.3	0.3	0.25	0.2
2	0.2	0.25	0.25	0.25	0.2
Rerata	0.2	0.275	0.275	0.25	0.2

Tikus yang diberi ekstrak umbi ganyong 70%

No. Tikus	Jam ke- 0	1	2	3	4
1	0.1	0.2	0.2	0.2	0.15
2	0.1	0.2	0.2	0.15	0.15
Rerata	0.1	0.2	0.2	0.175	0.15

Tikus yang diberi ekstrak umbi ganyong 50%

No. Tikus	Jam ke- 0	1	2	3	4
1	0.15	0.2	0.2	0.2	0.2
2	0.15	0.2	0.2	0.2	0.2
Rerata	0.15	0.2	0.2	0.2	0.2

Tikus yang diberi ekstrak umbi ganyong 96%

No. Tikus	Jam ke- 0	1	2	3	4
1	0.1	0.2	0.15	0.15	0.15
2	0.1	0.2	0.15	0.15	0.15
Rerata	0.1	0.2	0.15	0.15	0.15

2. Dosis terpilih

Tikus yang diberi Suspensi PGA 3%

No. Tikus	Jam ke- 0	1	2	3	4
1	0.15	0.2	0.2	0.2	0.15
2	0.15	0.2	0.2	0.2	0.15
Rerata	0.15	0.2	0.2	0.2	0.15

Tikus yang diberi ekstrak umbi ganyong dengan dosis 0.5 g/kgBB

No. Tikus	Jam ke- 0	1	2	3	4
1	0.15	0.2	0.2	0.2	0.15
2	0.15	0.2	0.2	0.2	0.15
Rerata	0.15	0.20	0.20	0.20	0.15

Tikus yang diberi ekstrak umbi ganyong dengan dosis 1.0 g/kgBB

No. Tikus	Jam ke- 0	1	2	3	4
1	0.15	0.2	0.2	0.15	0.15
2	0.15	0.2	0.2	0.15	0.15
Rerata	0.15	0.2	0.2	0.15	0.15

LAMPIRAN O

Perhitungan Konversi Data Volume Kaki Tikus

Tikus yang diberi suspensi PGA 3%

No. Tikus	Volume Telapak Kaki Tikus Putih pada Jam ke- (ml)				
	0	**2**	**4**	**6**	**8**
1	0,2	0,25	0,3	0,3	0,35
2	0,2	0,25	0,3	0,3	0,35
3	0,15	0,25	0,25	0,3	0,3
4	0,15	0,25	0,25	0,3	0,3
5	0,1	0,15	0,2	0,2	0,25
Total	0,8	1,15	1,3	1,4	1,55
Rerata	0,16	0,23	0,26	0,28	0,31

Tikus yang diberi Suspensi Fenilbutazon 9mg/kgBB

No. Tikus	Volume Telapak Kaki Tikus Putih pada Jam ke- (ml)				
	0	**2**	**4**	**6**	**8**
1	0,2	0,3	0,25	0,2	0,2
2	0,1	0,25	0,2	0,15	0,1
3	0,1	0,2	0,15	0,15	0,1
4	0,15	0,25	0,2	0,2	0,15
5	0,1	0,2	0,15	0,15	0,1
Total	0,65	1,2	0,95	0,85	0,65
Rerata	0,13	0,24	0,19	0,17	0,13

Tikus yang diberi Suspensi Ekstrak umbi ganyong 0,5 g/kgBB

No. Tikus	Volume Telapak Kaki Tikus Putih pada Jam ke- (ml)				
	0	2	4	6	8
1	0,2	0,3	0,3	0,25	0,2
2	0,2	0,3	0,3	0,25	0,25
3	0,1	0,25	0,25	0,2	0,15
4	0,1	0,25	0,2	0,15	0,1
5	0,1	0,2	0,2	0,15	0,15
Total	0,7	1,3	1,25	1,0	0,85
Rerata	0,14	0,26	0,25	0,2	0,17

Tikus yang diberi Suspensi Ekstrak umbi ganyong 1,0 g/kgBB

No. Tikus	Volume Telapak Kaki Tikus Putih pada Jam ke- (ml)				
	0	2	4	6	8
1	0,2	0,3	0,3	0,25	0,25
2	0,25	0,35	0,3	0,3	0,25
3	0,1	0,2	0,2	0,15	0,1
4	0,1	0,2	0,2	0,1	0,1
5	0,1	0,25	0,15	0,15	0,1
Total	0,75	1,3	1,15	0,95	0,8
Rerata	0,15	0,26	0,23	0,19	0,16

Tikus yang diberi Suspensi Ekstrak umbi ganyong 1,5 g/kgBB

No. Tikus	Volume Telapak Kaki Tikus Putih pada Jam ke- (ml)				
	0	**2**	**4**	**6**	**8**
1	0,2	0,35	0,3	0,25	0,25
2	0,2	0,3	0,3	0,3	0,25
3	0,1	0,2	0,2	0,15	0,15
4	0,15	0,25	0,2	0,2	0,15
5	0,1	0,2	0,2	0,15	0,15
Total	0,75	1,3	1,2	1,05	0,95
Rerata	0,15	0,26	0,24	0,21	0,19

Perhitungan volume kaki=3,14 x r^2x t

LAMPIRAN P

Hasil Pengukuran Volume Telapak Kaki Tikus dan AUC % Inhibisi Radang

Hasil Pengukuran Volume Telapak Kaki Tikus Putih yang diberi Suspensi PGA 3% b/v Per Oral

Kelompok Perlakuan		Volume Telapak Kaki Tikus Putih Pada Jam Ke-					
		0	2	4	6	8	Σ AUC
1	V	25.12	37.68	31.40	25.12	25.12	
	AUC		62.80	69.08	56.52	50.24	238.64
2	V	12.56	31.40	25.12	18.84	12.56	
	AUC		43.96	56.52	43.96	31.40	175.84
3	V	12.56	25.12	18.84	18.84	12.56	
	AUC		37.68	43.96	37.68	31.40	150.72
4	V	18.84	31.40	25.12	25.12	18.84	
	AUC		50.24	56.52	50.24	43.96	200.96
5	V	12.56	25.12	18.84	18.84	12.56	
	AUC		37.68	43.96	37.68	31.40	150.72
	Rerata						183.38
	± SD						± 37.26

Hasil Pengukuran Volume Telapak Kaki Tikus Putih yang diberi Suspensi Fenilbutazon 9 mg/kgBB Per Oral

Kelompok Perlakuan		Volume Telapak Kaki Tikus Putih Pada Jam Ke-					
		0	2	4	6	8	Σ AUC
1	V	25.12	31.40	37.68	37.68	43.96	
	AUC		56.52	69.08	75.36	81.64	282.60
2	V	25.12	31.40	37.68	37.68	43.96	
	AUC		56.52	69.08	75.36	81.64	282.60
3	V	18.84	31.40	3.14	37.68	37.68	
	AUC		50.24	34.54	40.82	75.36	200.96
4	V	18.84	31.40	3.14	37.68	37.68	
	AUC		50.24	34.54	40.82	75.36	200.96
5	V	12.56	18.84	25.12	25.12	31.4	
	AUC		31.40	43.96	50.24	56.52	182.12
	Rerata						229.85
	± SD						± 48.77

Hasil Pengukuran Volume Telapak Kaki Tikus Putih yang diberi Suspensi Ekstrak Umbi Ganyong 0,5 g/kgBB (5% b/v) Per Oral

Kelompok Perlakuan		Volume Telapak Kaki Tikus Putih Pada Jam Ke-					Σ AUC
		0	2	4	6	8	
1	V	25.12	37.68	37.68	31.40	25.12	
	AUC		62.80	75.36	69.08	56.52	263.76
2	V	25.12	37.68	37.68	31.40	31.40	
	AUC		62.80	75.36	69.08	62.80	270.04
3	V	12.56	31.40	31.40	25.12	18.84	
	AUC		43.96	62.80	56.52	43.96	207.24
4	V	12.56	31.40	25.12	18.84	12.56	
	AUC		43.96	56.52	43.96	31.40	175.84
5	V	12.56	25.12	25.12	18.84	18.84	
	AUC		37.68	50.24	43.96	37.68	169.56
	Rerata ± SD						217.29 ± 47.54

Hasil Pengukuran Volume Telapak Kaki Tikus Putih yang diberi Suspensi Ekstrak Umbi Ganyong 1,0 g/kgBB (10% b/v) Per Oral

Kelompok Perlakuan		Volume Telapak Kaki Tikus Putih Pada Jam Ke-					Σ AUC
		0	2	4	6	8	
1	V	25.12	37.68	37.68	31.40	31.40	
	AUC		62.80	75.36	69.08	62.80	270.04
2	V	31.4	43.96	37.68	37.68	31.40	
	AUC		75.36	81.64	75.36	69.08	301.44
3	V	12.56	25.12	25.12	18.84	12.56	
	AUC		37.68	50.24	43.96	31.40	163.28
4	V	12.56	25.12	25.12	12.56	12.56	
	AUC		37.68	50.24	37.68	25.12	150.72
5	V	12.56	31.40	18.84	18.84	12.56	
	AUC		43.96	50.24	37.68	31.40	163.28
	Rerata ± SD						209.75 ± 70.44

Hasil Pengukuran Volume Telapak Kaki Tikus Putih yang diberi Suspensi Ekstrak Umbi Ganyong 1,5 g/kgBB (15% b/v) Per Oral

Kelompok Perlakuan		Volume Telapak Kaki Tikus Putih Pada Jam Ke-					
		0	**2**	**4**	**6**	**8**	**Σ AUC**
1	V	25.12	43.96	37.68	31.40	31.40	
	AUC		69.08	81.64	69.08	62.80	282.60
2	V	25.12	37.68	37.68	37.68	31.40	
	AUC		62.80	75.36	75.36	69.08	282.60
3	V	12.56	25.12	25.12	18.84	18.84	
	AUC		37.68	50.24	43.96	37.68	169.56
4	V	18.84	31.40	25.12	25.12	18.84	
	AUC		50.24	56.52	50.24	43.96	200.96
5	V	12.56	25.12	25.12	18.84	18.84	
	AUC		37.68	50.24	43.96	37.68	169.56
	Rerata ± SD						221.06 ± 57.63

LAMPIRAN Q

Tabel Distribusi F

Denomins for Degrees of Freedom	Numerator Degrees of Freedom								
	1	2	3	4	5	6	7	8	9
1	161.4	199.5	215.7	224.6	230.2	234.0	236.8	238.9	240.5
2	18.81	19.00	19.16	19.25	19.30	19.33	19.35	19.37	19.38
3	10.73	9.55	9.28	9.12	9.01	8.94	8.89	8.85	8.81
4	7.71	6.94	6.59	6.39	6.26	6.16	6.09	6.04	6.00
5	6.61	5.79	5.41	5.19	5.05	4.95	4.88	4.82	4.77
6	5.99	5.14	4.76	4.53	4.39	4.28	4.21	4.15	4.10
7	5.59	4.74	4.35	4.12	3.97	3.87	3.79	3.73	3.68
8	5.32	4.46	4.07	3.84	3.69	3.58	3.50	3.44	3.39
9	5.12	4.26	3.86	3.63	3.48	3.37	3.29	3.23	3.18
10	4.96	4.10	3.71	3.48	3.33	3.22	3.14	3.07	3.02
11	4.84	3.98	3.59	3.36	3.20	3.09	3.01	2.95	2.90
12	4.75	3.89	3.49	3.26	3.11	3.00	2.91	2.85	2.80
13	4.67	3.81	3.41	3.18	3.03	2.92	2.83	2.77	2.71
14	4.60	3.74	3.34	3.11	2.96	2.85	2.76	2.70	2.65
15	4.54	3.68	3.29	3.06	2.90	2.79	2.71	2.64	2.59
16	4.49	3.63	3.24	3.01	2.85	2.74	2.66	2.59	2.54
17	4.45	3.59	3.20	2.96	2.81	2.70	2.61	2.55	2.49
18	4.41	3.55	3.16	2.93	2.77	2.66	2.58	2.51	2.46
19	4.38	3.52	3.13	2.90	2.74	2.63	2.54	2.48	2.42
20	4.35	3.49	3.10	2.87	2.71	2.60	2.51	2.45	2.39
21	4.32	3.47	3.07	2.84	2.68	2.57	2.49	2.42	2.37
22	4.30	3.44	3.05	2.82	2.66	2.55	2.46	2.40	2.34
23	4.28	3.42	3.03	2.80	2.64	2.53	2.44	2.37	2.32
24	4.26	3.40	3.01	2.78	2.62	2.51	2.42	2.36	2.30.
25	4.24	3.39	2.99	2.76	2.60	2.49	2.40	2.34	2.28
26	4.23	3.37	2.98	2.74	2.59	2.47	2.39	2.32	2.27
27	4.21	3.35	2.96	2.73	2.57	2.46	2.37	2.31	2.25
28	4.20	3.34	2.95	2.71	2.56	2.45	2.36	2.29	2.24
29	4.18	3.33	2.93	2.70	2.55	2.43	2.35	2.28	2.22
30	4.17	3.32	2.92	2.69	2.53	2.42	2.33	2.27	2.21
40	4.08	3.23	2.84	2.61	2.45	2.34	2.25	2.18	2.12
60	4.00	3.15	2.76	2.53	2.37	2.25	2.17	2.10	2.04
120	3.92	3.07	2.68	2.45	2.29	2.17	2.09	2.02	1.96
∞	3.84	3.00	2.60	2.37	2.21	2.10	2.01	1.94	1.88

(Sumber: John E., 1992)

LAMPIRAN R

Tabel HSD 5%

Nilai Rentang Student untuk $\alpha = 0{,}05$

v	p = 2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	18.0	26.7	32.8	37.2	40.5	43.1	45.4	47.3	49.1	50.6	51.9	53.2	54.3	55.4	56.3
2	6.09	8.28	9.80	10.89	11.73	12.43	13.03	13.54	13.99	14.39	14.75	15.08	15.38	15.65	15.91
3	4.50	5.88	6.83	7.51	8.04	8.47	8.85	9.18	9.46	9.72	9.95	10.16	10.35	10.52	10.69
4	3,93	5.00	5,76	6.31	6.73	7.06	7.35	7.60	7.83	8.03	8.21	8.37	8.52	8.67	8.80
5	3.61	4.54	5.18	5.64	5.99	6.28	6.52	6.74	6.93	7.10	7,25	7.39	7.52	7.64	7.75
6	3.46	4.34	4.90	5.31	5.63	5.89	6.12	6.32	6.49	6.65	6.79	6.92	7.04	7.14	7.24
7	3.34	4.16	4.68	5.06	5.35	5.59	5.80	5.99	6.15	6.29	6.42	6.54	6.65	6.75	6.84
8	3.26	4.04	4.53	4.89	5.17	5.40	5.60	5.77	5.92	6.05	6.18	6.29	6.39	6.48	6.57
9	3.20	3.95	4.42	4.76	5.02	5.24	5.43	5.60	5.74	5.87	5.98	6.09	6.19	6.28	6.36
10	3.15	3.88	4.33	4.66	4.91	5.12	5.30	5.46	5.60	5.72	5.83	5.93	6.03	6.12	6.20
11	3.11	3.82	4.26	4.58	4.82	5.03	5.20	5.35	5.49	5.61	5.71	5.81	5.90	5.98	6.06
12	3.08	3.77	4.20	4.51	4.75	4.95	5.12	5.27	5.40	5.51	5.61	5.71	5.80	5.88	5.95
13	3.06	3.73	4.15	4.46	4.69	4.88	5.05	5.19	5.32	5.43	5.53	5.63	5.71	5.79	5.86
14	3.03	3.70	4.11	4.41	4.64	4.83	4.99	5.13	5.25	5.36	5.46	5.56	5.64	5.72	5.79
15	3.01	3.67	4.08	4.37	4.59	4.78	4.94	5.08	5.20	5.31	5.40	5.49	5.57	5.65	5.72
16	3.00	3.65	4.05	4.34	4.56	4.74	4.90	5.03	5.15	5.26	5.35	5.44	5.52	5.59	5.66
17	2.98	3.62	4.02	4.31	4.52	4.70	4.86	4.99	5.11	5.21	5.31	5.39	5.47	5.55	5.61
18	2.97	3.61	4.00	4.28	4.49	4.67	4.83	4.96	5.07	5.17	5.27	5.35	5.43	5.50	5.57
19	2.96	3.59	3.98	4.26	4.47	4.64	4.79	4.92	5.04	5.14	5.23	5.32	5.39	5.46	5.53
20	2.95	3.58	3.96	4.24	4.45	4.62	4.77	4.90	5.01	5.11	5.20	5.28	5.36	5.43	5.50
24	2.92	3.53	3.90	4.17	4.37	4.54	4.68	4.81	4.92	5.01	5.10	5.18	5.25	5.32	5.38
30	2.89	3.48	3.84	4.11	4.30	4.46	4.60	4.72	4.83	4.92	5.00	5.08	5.15	5.21	5.27
40	2.86	3.44	3.79	4.04	4.23	4.39	4.52	4.63	4.74	4.82	4.90	4.98	5.05	5.11	5.17
60	2.83	3.40	3.74	3.98	4.16	4.31	4.44	4.55	4.65	4.73	4.81	4.88	4.94	5.00	5.06
120	2.80	3.36	3.69	3.92	4.10	4.24	4.36	4.47	4.56	4.64	4.71	4.78	4.84	4.90	4.95
∞	2.77	3.32	3.63	3.86	4.03	4.17	4.29	4.39	4.47	4.55	4.62	4.68	4.74	4.80	4.84

Sumber: Fundamental Concepts in the Design of Experiments, Hicks, C.R., Holt, Rinehart and Winston, New York, 1973.

LAMPIRAN S

Tabel Koefisien Korelasi r

Error *df*	*P*	Independent variables				Error *df*	*P*	Independent variables			
		1	2	3	4			1	2	3	4
1	.05	.997	.999	.999	.999	24	.05	.388	.470	.523	.562
	.01	1.000	1.000	1.000	1.000		.01	.496	.565	.609	.542
2	.05	.950	.975	.983	.987	25	.05	.381	.462	.514	.553
	.01	.990	.995	.997	.998		.01	.487	.555	.600	.533
3	.05	.878	.930	.950	.961	26	.05	.374	.454	.506	.545
	.01	.959	.976	.983	.987		.01	.478	.546	.590	.524
4	.05	.811	.881	.912	.930	27	.05	.367	.446	.498	.536
	.01	.917	.949	.962	.970		.01	.470	.538	.582	.515
5	.05	.754	.836	.874	.898	28	.05	.361	.439	.490	.529
	.01	.874	.917	.937	.949		.01	.463	.530	.573	.506
6	.05	.707	.795	.839	.867	29	.05	.355	.432	.482	.521
	.01	.834	.886	.911	.927		.01	.456	.522	.563	.598
7	.05	.666	.758	.807	.833	30	.05	.349	.426	.476	.514
	.01	.798	.855	.885	.904		.01	.449	.514	.558	.591
8	.05	.632	.726	.777	.811	35	.05	.325	.397	.445	.482
	.01	.765	.827	.86	.882		.01	.418	.481	.523	.536
9	.05	.602	.697	.750	.786	40	.05	.304	.373	.419	.455
	.01	.735	.800	.836	.861		.01	.393	.454	.494	.526
10	.05	.576	.671	.726	.763	45	.05	.288	.353	.397	.432
	.01	.708	.776	814	.840		.01	.372	.430	.470	.501
11	.05	.553	.648	.703	.741	50	.05	.273	.336	.379	.412
	.01	.634	.753	.793	.821		.01	.354	.410	.449	.479
12	.05	.532	.627	.683	.722	60	.05	.250	.308	.348	.380
	.01	.661	.732	.773	.802		.01	.325	.377	.414	.442
13	.05	.514	.608	.664	.703	70	.05	.232	.286	.324	.354
	.01	.641	.712	.755	.785		.01	.302	.351	.386	.413
14	.05	.497	.590	.646	.686	80	.05	.217	.269	.304	.332
	.01	.623	.694	.737	.768		.01	.283	.330	.362	.389
15	.05	.482	.574	.630	.670	90	.05	.205	.254	.288	.315
	.01	.606	.677	.721	.752		.01	.267	.312	.343	.368
16	.05	.468	.559	.615	.655	100	.05	.195	.241	.274	0.3
	.01	.590	.662	.706	.738		.01	.254	.297	.327	.351
17	.05	.456	.545	.601	.641	125	.05	.174	.216	.246	.269
	.01	.575	.647	.691	.720		.01	.228	.266	.294	.316
18	.05	.444	.532	.587	.628	150	.05	.159	.198	.223	.247
	.01	.561	.633	.678	.710		.01	.208	.244	.270	.290
19	.05	.433	.52	.575	.615	200	.05	.133	.172	.196	.215
	.01	.549	.620	.665	.698		.01	.181	.212	.234	.253
20	.05	.423	.509	.563	.604	300	.05	.113	.141	.160	.176
	.01	.537	.608	.652	.685		.01	.148	.174	.192	.208
21	.05	.413	.498	.522	.592	400	.05	.098	.122	.139	.153
	.01	.526	.596	.641	.674		.01	.128	.151	.167	.180
22	.05	.404	.489	.542	.582	500	.05	.084	.109	.124	.137
	.01	.515	.583	.630	.668		.01	.115	.135	.150	.152
23	.05	.396	.479	.532	.572	1,000	.05	.062	.077	.088	.097
	.01	.505	.574	.619	.652		.01	.081	.096	.106	.115

LAMPIRAN T

Surat Determinasi Tumbuhan Ganyong

DINAS KESEHATAN PROVINSI JAWA TIMUR
UPT MATERIA MEDICA
Jalan Lahor No.87 Telp. (0341) 593396 Batu (65313)
KOTA BATU

Nomor : 074 / 07 / 101.8 / 2009
Sifat : Biasa
Perihal : **Determinasi Tanaman Ganyong**

Memenuhi permohonan saudara
Nama : ANASTASIA I. P .
NIM : 2443006072
Fakultas : Fakultas Farmasi
Universitas Widya Mandala Surabaya

1. Perihal determinasi tanaman Ganyong
   Kingdom : Plantae (Tumbuhan)
   Subkingdom : Tracheobionta (Tumbuhan berpembuluh)
   Super Divisi : Spermatophyta (Menghasilkan biji)
   Divisi : Magnoliophyta (Tumbuhan berbunga)
   Kelas : Liliopsida / Monocotyledonae (berkeping satu / monokotil)
   Sub Kelas : Commelinidae
   Ordo : Zingiberales
   Famili : Cannaceae
   Marga : Canna
   Jenis : *Canna edulis Ker.*
   Sinonim : Nama Daerah : Sumatera : Ganyu (Kangean) Laos Mekah (Palembang) Ubi pikul (Sumatera Timur) Laos Mekah (Melayu) . Jawa : Ganyol (Sunda) Ganyong (Jawa Tengah) Banyur(Madura)
2. Nama Simplisia : Cannae edulisis Tubera / Umbi Ganyong
3. Kandungan Kimia : Umbi dan bunga Canna edulis mengandung saponin dan flavonoida, di samping rtu bungariya juga mengandung po'ifenol.
4. Penggunaan : Penelitian

Demikian determinasi ini kami buat untuk dipergunakan sebagaimana mestinya.

Batu , 25 September 2009
An. Kepala UPT Materia Medica Batu

Dwik Purwaningtyas, SKM
NIP. 19640424 198702 2 002