

LAMPIRAN A
HASIL PENGUKURAN VOLUME TELAPAK KAKI TIKUS DAN AUC
% INHIBISI RADANG

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

Perlakuan	Volume telapak kaki tikus (mm ³) dan AUC jam ke-						ΣAUC
		0	2	4	6	8	
1	V	12,56	25,12	37,68	25,12	12,56	
	AUC		37,68	62,80	62,80	37,68	200,96
2	V	12,56	37,68	37,68	18,84	18,84	
	AUC		50,24	75,36	56,52	37,68	219,80
3	V	12,56	37,68	37,68	25,12	18,84	
	AUC		50,24	75,36	62,80	43,96	232,36
4	V	12,56	31,40	37,68	18,84	18,84	
	AUC		43,96	69,08	56,52	37,68	207,24
5	V	12,56	31,40	31,40	31,40	18,84	
	AUC		43,96	62,80	62,80	50,24	219,80
Rerata ± SD							216,03 ± 12,24

Hasil Pengukuran Volume Telapak Kaki Tikus Putih yang diberi Ekstrak Herba Ajeran 0,5 g/kgBB Per Oral

Perlakuan	Volume telapak kaki tikus (mm ³) dan AUC jam ke-						ΣAUC
		0	2	4	6	8	
1	V	12,56	31,40	25,12	12,56	12,56	
	AUC		43,96	56,52	37,68	25,12	163,28
2	V	12,56	25,12	25,12	25,12	12,56	
	AUC		37,68	50,24	50,24	37,68	175,84
3	V	12,56	25,12	18,84	18,84	18,84	
	AUC		37,68	43,96	37,68	37,68	157,00
4	V	12,56	37,68	25,12	25,12	12,56	
	AUC		50,24	62,80	50,24	37,68	200,96
5	V	12,56	31,40	25,12	18,84	18,84	
	AUC		43,96	56,52	43,96	37,68	182,12
Rerata ± SD							175,84 ± 17,20

Hasil Pengukuran Volume Telapak Kaki Tikus Putih yang diberi Ekstrak Herba Ajeran 1,0 g/kgBB Per Oral

Perlakuan	Volume telapak kaki tikus (mm ³) dan AUC jam ke-						ΣAUC
		0	2	4	6	8	
1	V	12,56	25,12	12,56	12,56	12,56	
	AUC		37,68	37,68	25,12	25,12	125,60
2	V	12,56	31,40	25,12	25,12	12,56	
	AUC		43,96	56,52	50,24	37,68	188,40
3	V	12,56	31,40	18,84	12,56	12,56	
	AUC		43,96	50,24	31,40	25,12	150,72
4	V	12,56	25,12	18,84	18,84	18,84	
	AUC		37,68	43,96	37,68	37,68	157,00
5	V	12,56	18,84	18,84	12,56	12,56	
	AUC		31,40	37,68	31,40	25,12	125,60
Rerata ± SD							149,46 ± 26,04

Hasil Pengukuran Volume Telapak Kaki Tikus Putih yang diberi Ekstrak Herba Ajeran 1,5 g/kgBB Per Oral

Perlakuan	Volume telapak kaki tikus (mm ³) dan AUC jam ke-					ΣAUC
		0	2	4	6	8
1	V	12,56	31,40	12,56	12,56	12,56
	AUC		43,96	43,96	25,12	25,12
2	V	12,56	25,12	12,56	12,56	12,56
	AUC		37,68	37,68	25,12	25,12
3	V	12,56	25,12	18,84	12,56	12,56
	AUC		37,68	43,96	31,40	25,12
4	V	12,56	25,12	18,84	12,56	12,56
	AUC		37,68	43,96	31,40	25,12
5	V	12,56	25,12	12,56	12,56	12,56
	AUC		37,68	37,68	25,12	25,12
Rerata ± SD						133,14 ± 6,88

Hasil Pengukuran Volume Telapak Kaki Tikus Putih yang diberi Fenilbutazon 9,0 mg/kgBB Per Oral

Perlakuan	Volume telapak kaki tikus (mm ³) dan AUC jam ke-					ΣAUC
		0	2	4	6	8
1	V	12,56	25,12	12,56	12,56	12,56
	AUC		37,68	37,68	25,12	25,12
2	V	12,56	25,12	18,84	12,56	12,56
	AUC		37,68	43,96	31,40	25,12
3	V	12,56	18,84	12,56	12,56	12,56
	AUC		31,40	31,40	25,12	25,12
4	V	12,56	18,84	12,56	12,56	12,56
	AUC		31,40	31,40	25,12	25,12
5	V	12,56	18,84	12,56	12,56	12,56
	AUC		31,40	31,40	25,12	25,12
Rerata ± SD						120,58 ± 11,23

LAMPIRAN B
HASIL % INHIBISI RADANG

	E ₁	E ₂	E ₃	Pembanding
Tikus 1	24,42	41,86	36,05	41,86
Tikus 2	18,60	12,79	41,86	36,05
Tikus 3	27,32	30,23	36,05	47,67
Tikus 4	6,98	27,32	36,05	47,67
Tikus 5	15,70	41,86	41,86	47,67
Rerata ±	18,60 ±	30,81 ±	38,37 ±	44,18 ±
SD	7,96	12,06	3,18	5,20

Keterangan : E₁= ekstrak herba ajeran 0,5 g/kgBB,
 E₂ = ekstrak herba ajeran 1,0 g/kgBB,
 E₃ = ekstrak herba ajeran 1,5 g/kgBB,
 Pembanding = fenilbutazon 9,0 mg/kgBB

LAMPIRAN C

HASIL PERHITUNGAN JUMLAH LEUKOSIT PADA TIKUS PUTIH

Hasil Perhitungan Jumlah Leukosit Tikus Putih yang diberi PGA 3% b/v

Jumlah leukosit (/cmm) pada jam ke	Kelompok kontrol					Total	Rerata $\pm$ SD
	Tikus 1	Tikus 2	Tikus 3	Tikus 4	Tikus 5		
0	6600	6950	7800	7350	8950	37650	7530 $\pm$ 911,45
2	7750	8350	8150	7550	9250	41050	8210 $\pm$ 661,82
4	9650	9400	8550	8200	10500	46300	9260 $\pm$ 913,37
6	9900	9550	10000	10600	11650	51700	10340 $\pm$ 824,17
8	14800	14350	13700	13400	12400	68650	13730 $\pm$ 923,04

Hasil Perhitungan Jumlah Leukosit pada Tikus Putih yang diberi Ekstrak Herba Ajeran 0,5 g/kgBB Per Oral

Jumlah leukosit (/cmm) pada jam ke	Kelompok E ₁					Total	Rerata $\pm$ SD
	Tikus 1	Tikus 2	Tikus 3	Tikus 4	Tikus 5		
0	7530	8350	7550	6950	7150	37530	7506 $\pm$ 536,36
2	8210	8650	9000	7200	7800	40860	8172 $\pm$ 706,87
4	9260	7900	14450	11850	13300	56760	11352 $\pm$ 2735,56
6	10340	15050	15850	14900	15300	71440	14288 $\pm$ 2236,40
8	13730	8500	8700	7200	9750	47880	9576 $\pm$ 2492,82

Hasil Perhitungan Jumlah Leukosit pada Tikus Putih yang diberi Ekstrak Herba Ajeran 0,1 g/kgBB Per Oral

Jumlah leukosit (/cmm) pada jam ke	Kelompok E ₂					Total	Rerata ± SD
	Tikus 1	Tikus 2	Tikus 3	Tikus 4	Tikus 5		
0	8900	7500	8200	7750	8750	41100	8220 ± 608,89
2	9100	8150	8450	8500	10050	44250	8850 ± 754,16
4	16800	14200	14450	14300	12650	72400	14480 ± 1486,86
6	19650	18750	16350	16700	18400	89850	17970 ± 1401,16
8	11800	10600	10400	10950	8950	52700	10540 ± 1037,67

Hasil Perhitungan Jumlah Leukosit Pada Tikus Putih yang diberi Ekstrak Herba Ajeran 1,5 g/kgBB Per Oral

Jumlah leukosit (/cmm) pada jam ke	Kelompok E ₃					Total	Rerata ± SD
	Tikus 1	Tikus 2	Tikus 3	Tikus 4	Tikus 5		
0	8300	9250	9400	9850	8350	45150	9030 ± 680,62
2	8900	9700	10200	11550	9350	49700	9940 ± 1018,21
4	14550	15300	14000	15500	13150	72500	14500 ± 963,72
6	16200	17800	18650	19250	18200	90100	18020 ± 1151,41
8	14100	11750	9400	11650	10200	57100	11420 ± 1796,73

Hasil Perhitungan Jumlah Leukosit pada Tikus Putih yang diberi
Fenilbutazon 9,0 mg/kgBB Per Oral

Jumlah leukosit (/cmm) pada jam ke	Kelompok pembanding					Total	Rerata $\pm$ SD
	Tikus 1	Tikus 2	Tikus 3	Tikus 4	Tikus 5		
0	10150	12050	9200	10550	9350	51300	10260 $\pm$ 1145,86
2	11300	12900	10000	11500	9750	55450	11090 $\pm$ 1272,01
4	14800	16200	13850	15250	11950	72050	14410 $\pm$ 1614,54
6	17200	17900	15100	18450	13950	82600	16520 $\pm$ 1917,88
8	14100	12150	9950	11800	10250	58250	11650 $\pm$ 1667,71

LAMPIRAN D
PERHITUNGAN ONE WAY ANOVA VOLUME
TELAPAK KAKI TIKUS

Perhitungan One Way Anova Volume Telapak Kaki Tikus Jam ke-2

Descriptives

VOLUME								
	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
kontrol	5	32.6560	5.2542	2.3498	26.1320	39.1800	25.12	37.68
k1	5	30.1440	5.2542	2.3498	23.6200	36.6680	25.12	37.68
k2	5	26.3760	5.2542	2.3498	19.8520	32.9000	18.84	31.40
k3	5	26.3760	2.8085	1.2560	22.8888	29.8632	25.12	31.40
p	5	21.3520	3.4397	1.5383	17.0811	25.6229	18.84	25.12
Total	25	27.3808	5.6983	1.1397	25.0286	29.7330	18.84	37.68

ANOVA

VOLUME					
	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	369.143	4	92.286	4.500	.009
Within Groups	410.159	20	20.508		
Total	779.303	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
kontrol	k1	2.5120	2.8641	.902	-6.0586	11.0826
	k2	6.2800	2.8641	.223	-2.2906	14.8506
	k3	6.2800	2.8641	.223	-2.2906	14.8506
	p	11.3040*	2.8641	.006	2.7334	19.8746
k1	kontrol	-2.5120	2.8641	.902	-11.0826	6.0586
	k2	3.7680	2.8641	.685	-4.8026	12.3386
	k3	3.7680	2.8641	.685	-4.8026	12.3386
	p	8.7920*	2.8641	.043	-.2214	17.3626
k2	kontrol	-6.2800	2.8641	.223	-14.8506	2.2906
	k1	-3.7680	2.8641	.685	-12.3386	4.8026
	k3	.0000	2.8641	1.000	-8.5706	8.5706
	p	5.0240	2.8641	.426	-3.5466	13.5946
k3	kontrol	-6.2800	2.8641	.223	-14.8506	2.2906
	k1	-3.7680	2.8641	.685	-12.3386	4.8026
	k2	.0000	2.8641	1.000	-8.5706	8.5706
	p	5.0240	2.8641	.426	-3.5466	13.5946
p	kontrol	-11.3040*	2.8641	.006	-19.8746	-2.7334
	k1	-8.7920*	2.8641	.043	-17.3626	-.2214
	k2	-5.0240	2.8641	.426	-13.5946	3.5466
	k3	-5.0240	2.8641	.426	-13.5946	3.5466

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

VOLUME

Tukey HSD^a

FORMULA	N	Subset for alpha = .05	
		1	2
p	5	21.3520	
k2	5	26.3760	26.3760
k3	5	26.3760	26.3760
k1	5		30.1440
kontrol	5		32.6560
Sig.		.426	.223

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 5.000.

Perhitungan One Way Anova Volume Telapak Kaki Tikus Jam ke-4

Descriptives

VOLUME

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
kontrol	5	36.4240	2.8085	1.2560	32.9368	39.9112	31.40	37.63
k1	5	23.8640	2.8085	1.2560	20.3768	27.3512	18.84	25.12
k2	5	18.8400	4.4406	1.9859	13.3262	24.3538	12.56	25.12
k3	5	15.0720	3.4397	1.5383	10.8011	19.3429	12.56	18.84
p	5	13.8160	2.8085	1.2560	10.3288	17.3032	12.56	18.84
Total	25	21.6032	8.8961	1.7792	17.9311	25.2753	12.56	37.63

ANOVA

VOLUME

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	1678.498	4	419.625	38.000	.000
Within Groups	220.855	20	11.043		
Total	1899.353	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
kontrol	k1	12.5600*	2.1017	.000	6.2709	18.8491
	k2	17.5840*	2.1017	.000	11.2949	23.8731
	k3	21.3520*	2.1017	.000	15.0629	27.6411
	p	22.6080*	2.1017	.000	16.3189	28.8971
k1	kontrol	-12.5600*	2.1017	.000	-18.8491	-6.2709
	k2	5.0240	2.1017	.159	-1.2651	11.3131
	k3	8.7920*	2.1017	.004	2.5029	15.0811
	p	10.0480*	2.1017	.001	3.7589	16.3371
k2	kontrol	-17.5840*	2.1017	.000	-23.8731	-11.2949
	k1	-5.0240	2.1017	.159	-11.3131	1.2651
	k3	3.7680	2.1017	.405	-2.5211	10.0571
	p	5.0240	2.1017	.159	-1.2651	11.3131
k3	kontrol	-21.3520*	2.1017	.000	-27.6411	-15.0629
	k1	-8.7920*	2.1017	.004	-15.0811	-2.5029
	k2	-3.7680	2.1017	.405	-10.0571	2.5211
	p	1.2560	2.1017	.974	-5.0331	7.5451
p	kontrol	-22.6080*	2.1017	.000	-28.8971	-16.3189
	k1	-10.0480*	2.1017	.001	-16.3371	-3.7589
	k2	-5.0240	2.1017	.159	-11.3131	1.2651
	k3	-1.2560	2.1017	.974	-7.5451	5.0331

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

VOLUME

Tukey HSD^a

FORMULA	N	Subset for alpha = .05		
		1	2	3
p	5	13.8160		
k3	5	15.0720		
k2	5	18.8400	18.8400	
k1	5		23.8640	
kontrol	5			36.4240
Sig.		.159	.159	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 5.000.

Perhitungan One Way Anova Volume Telapak Kaki Tikus Jam ke-6

Descriptives

VOLUME

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
kontrol	5	23.8640	5.2542	2.3498	17.3400	30.3880	18.84	31.40
k1	5	20.0960	5.2542	2.3498	13.5720	26.6200	12.56	25.12
k2	5	16.3280	5.6170	2.5120	9.3536	23.3024	12.56	25.12
k3	5	12.5600	2.565E-16	1.147E-16	12.5600	12.5600	12.56	12.56
p	5	12.5600	2.565E-16	1.147E-16	12.5600	12.5600	12.56	12.56
Total	25	17.0816	5.8800	1.1760	14.6545	19.5087	12.56	31.40

ANOVA

VOLUME

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	482.726	4	120.682	6.955	.001
Within Groups	347.058	20	17.353		
Total	829.784	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
kontrol	k1	3.7680	2.6346	.616	-4.1158	11.6518
	k2	7.5360	2.6346	.065	-.3478	15.4198
	k3	11.3040*	2.6346	.003	3.4202	19.1878
	p	11.3040*	2.6346	.003	3.4202	19.1878
k1	kontrol	-3.7680	2.6346	.616	-11.6518	4.1158
	k2	3.7680	2.6346	.616	-4.1158	11.6518
	k3	7.5360	2.6346	.065	-.3478	15.4198
	p	7.5360	2.6346	.065	-.3478	15.4198
k2	kontrol	-7.5360	2.6346	.065	-15.4198	.3478
	k1	-3.7680	2.6346	.616	-11.6518	4.1158
	k3	3.7680	2.6346	.616	-4.1158	11.6518
	p	3.7680	2.6346	.616	-4.1158	11.6518
k3	kontrol	-11.3040*	2.6346	.003	-19.1878	-3.4202
	k1	-7.5360	2.6346	.065	-15.4198	.3478
	k2	-3.7680	2.6346	.616	-11.6518	4.1158
	p	.0000	2.6346	1.000	-7.8838	7.8838
p	kontrol	-11.3040*	2.6346	.003	-19.1878	-3.4202
	k1	-7.5360	2.6346	.065	-15.4198	.3478
	k2	-3.7680	2.6346	.616	-11.6518	4.1158
	k3	.0000	2.6346	1.000	-7.8838	7.8838

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

VOLUME

Tukey HSD^a

FORMULA	N	Subset for alpha = .05	
		1	2
k3	5	12.5600	
p	5	12.5600	
k2	5	16.3280	16.3280
k1	5	20.0960	20.0960
kontrol	5		23.8640
Sig.		.065	.065

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 5.000.

Perhitungan One Way Anova Volume Telapak Kaki Tikus Jam ke-8

Descriptives

VOLUME

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
kontrol	5	17.5840	2.8085	1.2560	14.0968	21.0712	12.56	18.84
k1	5	15.0720	3.4397	1.5383	10.8011	19.3429	12.56	18.84
k2	5	13.8160	2.8085	1.2560	10.3288	17.3032	12.56	18.84
k3	5	12.5600	2.565E-16	1.147E-16	12.5600	12.5600	12.56	12.56
p	5	12.5600	2.565E-16	1.147E-16	12.5600	12.5600	12.56	12.56
Total	25	14.3184	2.8779	.5756	13.1305	15.5063	12.56	18.84

ANOVA

VOLUME

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	88.342	4	22.086	4.000	.015
Within Groups	110.428	20	5.521		
Total	198.770	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
kontrol	k1	2.5120	1.4861	.462	-1.9351	6.9591
	k2	3.7680	1.4861	.122	-.6791	8.2151
	k3	5.0240*	1.4861	.022	.5769	9.4711
	p	5.0240*	1.4861	.022	.5769	9.4711
k1	kontrol	-2.5120	1.4861	.462	-6.9591	1.9351
	k2	1.2560	1.4861	.913	-3.1911	5.7031
	k3	2.5120	1.4861	.462	-1.9351	6.9591
	p	2.5120	1.4861	.462	-1.9351	6.9591
k2	kontrol	-3.7680	1.4861	.122	-8.2151	.6791
	k1	-1.2560	1.4861	.913	-5.7031	3.1911
	k3	1.2560	1.4861	.913	-3.1911	5.7031
	p	1.2560	1.4861	.913	-3.1911	5.7031
k3	kontrol	-5.0240*	1.4861	.022	-9.4711	-.5769
	k1	-2.5120	1.4861	.462	-6.9591	1.9351
	k2	-1.2560	1.4861	.913	-5.7031	3.1911
	p	.0000	1.4861	1.000	-4.4471	4.4471
p	kontrol	-5.0240*	1.4861	.022	-9.4711	-.5769
	k1	-2.5120	1.4861	.462	-6.9591	1.9351
	k2	-1.2560	1.4861	.913	-5.7031	3.1911
	k3	.0000	1.4861	1.000	-4.4471	4.4471

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

VOLUME

Tukey HSD^a

FORMULA	N	Subset for alpha = .05	
		1	2
k3	5	12.5600	
p	5	12.5600	
k2	5	13.8160	13.8160
k1	5	15.0720	15.0720
kontrol	5		17.5840
Sig.		.462	.122

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 5.000.



LAMPIRAN E

PERHITUNGAN ONE WAY ANOVA JUMLAH LEUKOSIT TIKUS

Perhitungan One Way Anova Jumlah Leukosit Tikus Jam ke-0

Descriptives

LEUKOSIT								
	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
kontrol	5	7530.00	911.45	407.62	6398.28	8661.72	6600	8950
k1	5	7480.00	538.05	240.62	6811.92	8148.08	6950	8350
k2	5	8220.00	608.89	272.30	7463.96	8976.04	7500	8900
k3	5	9030.00	680.62	304.38	8184.89	9875.11	8300	9850
p	5	10260.00	1145.86	512.45	8837.22	11682.78	9200	12050
Total	25	8504.00	1295.18	259.04	7969.38	9038.62	6600	12050

ANOVA

LEUKOSIT					
	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	2.7E+07	4	6797650	10.403	.000
Within Groups	1.3E+07	20	653450.0		
Total	4.0E+07	24			

Multiple Comparisons

Dependent Variable: LEUKOSIT

Tukey HSD

(I) FORMULA	(J) FORMULA	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
kontrol	k1	50.00	511.25	1.000	-1479.88	1579.88
	k2	-690.00	511.25	.665	-2219.88	839.88
	k3	-1500.00	511.25	.056	-3029.88	29.88
	p	-2730.00*	511.25	.000	-4259.88	-1200.12
k1	kontrol	-50.00	511.25	1.000	-1579.88	1479.88
	k2	-740.00	511.25	.606	-2269.88	789.88
	k3	-1550.00*	511.25	.046	-3079.88	-20.12
	p	-2780.00*	511.25	.000	-4309.88	-1250.12
k2	kontrol	690.00	511.25	.665	-839.88	2219.88
	k1	740.00	511.25	.606	-789.88	2269.88
	k3	-810.00	511.25	.524	-2339.88	719.88
	p	-2040.00*	511.25	.006	-3569.88	-510.12
k3	kontrol	1500.00	511.25	.056	-29.88	3029.88
	k1	1550.00*	511.25	.046	20.12	3079.88
	k2	810.00	511.25	.524	-719.88	2339.88
	p	-1230.00	511.25	.155	-2759.88	299.88
p	kontrol	2730.00*	511.25	.000	1200.12	4259.88
	k1	2780.00*	511.25	.000	1250.12	4309.88
	k2	2040.00*	511.25	.006	510.12	3569.88
	k3	1230.00	511.25	.155	-299.88	2759.88

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

LEUKOSIT

Tukey HSD^a

FORMULA	N	Subset for alpha = .05		
		1	2	3
k1	5	7480.00		
kontrol	5	7530.00	7530.00	
k2	5	8220.00	8220.00	
k3	5		9030.00	9030.00
p	5			10260.00
Sig.		.606	.056	.155

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 5.000.

Perhitungan One Way Anova Jumlah Leukosit Tikus Jam ke-2

Descriptives

LEUKOSIT

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
kontrol	5	8210.00	661.82	295.97	7388.25	9031.75	7550	9250
k1	5	8320.00	789.46	353.06	7339.75	9300.25	7200	9000
k2	5	8850.00	754.16	337.27	7913.59	9786.41	8150	10050
k3	5	9940.00	1018.21	455.36	8675.73	11204.27	8900	11550
p	5	11090.00	1272.01	568.86	9510.60	12669.40	9750	12900
Total	25	9282.00	1398.73	279.75	8704.63	9859.37	7200	12900

ANOVA

LEUKOSIT

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	3.0E+07	4	7453850	8.698	.000
Within Groups	1.7E+07	20	856950.0		
Total	4.7E+07	24			

Multiple Comparisons

Dependent Variable: LEUKOSIT

Tukey HSD

(I) FORMULA	(J) FORMULA	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
kontrol	k1	-110.00	585.47	1.000	-1861.97	1641.97
	k2	-640.00	585.47	.808	-2391.97	1111.97
	k3	-1730.00	585.47	.054	-3481.97	21.97
	p	-2880.00*	585.47	.001	-4631.97	-1128.03
k1	kontrol	110.00	585.47	1.000	-1641.97	1861.97
	k2	-530.00	585.47	.892	-2281.97	1221.97
	k3	-1620.00	585.47	.079	-3371.97	131.97
	p	-2770.00*	585.47	.001	-4521.97	-1018.03
k2	kontrol	640.00	585.47	.808	-1111.97	2391.97
	k1	530.00	585.47	.892	-1221.97	2281.97
	k3	-1090.00	585.47	.368	-2841.97	661.97
	p	-2240.00*	585.47	.008	-3991.97	-488.03
k3	kontrol	1730.00	585.47	.054	-21.97	3481.97
	k1	1620.00	585.47	.079	-131.97	3371.97
	k2	1090.00	585.47	.368	-661.97	2841.97
	p	-1150.00	585.47	.318	-2901.97	601.97
p	kontrol	2880.00*	585.47	.001	1128.03	4631.97
	k1	2770.00*	585.47	.001	1018.03	4521.97
	k2	2240.00*	585.47	.008	488.03	3991.97
	k3	1150.00	585.47	.318	-601.97	2901.97

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

LEUKOSIT

Tukey HSD^a

FORMULA	N	Subset for alpha = .05	
		1	2
kontrol	5	8210.00	
k1	5	8320.00	
k2	5	8850.00	
k3	5	9940.00	9940.00
p	5		11090.00
Sig.		.054	.318

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 5.000.

Perhitungan One Way Anova Jumlah Leukosit Tikus Jam ke-4

Descriptives

LEUKOSIT

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
kontrol	5	9260.00	913.37	408.47	8125.90	10394.10	8200	10500
k1	5	12320.00	2665.66	1192.12	9010.14	15629.86	7900	14450
k2	5	14480.00	1486.86	664.94	12633.82	16326.18	12650	16800
k3	5	14500.00	963.72	430.99	13303.39	15696.61	13150	15500
p	5	14410.00	1614.54	722.05	12405.28	16414.72	11950	16200
Total	25	12994.00	2575.01	515.00	11931.09	14056.91	7900	16800

ANOVA

LEUKOSIT

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	1.0E+08	4	2.6E+07	9.534	.000
Within Groups	5.5E+07	20	2737250		
Total	1.6E+08	24			

Multiple Comparisons

Dependent Variable: LEUKOSIT

Tukey HSD

(I) FORMULA	(J) FORMULA	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
kontrol	k1	-3060.00	1046.37	.057	-6191.17	71.17
	k2	-5220.00*	1046.37	.001	-8351.17	-2088.83
	k3	-5240.00*	1046.37	.001	-8371.17	-2108.83
	p	-5150.00*	1046.37	.001	-8281.17	-2018.83
k1	kontrol	3060.00	1046.37	.057	-71.17	6191.17
	k2	-2160.00	1046.37	.273	-5291.17	971.17
	k3	-2180.00	1046.37	.265	-5311.17	951.17
	p	-2090.00	1046.37	.303	-5221.17	1041.17
k2	kontrol	5220.00*	1046.37	.001	2088.83	8351.17
	k1	2160.00	1046.37	.273	-971.17	5291.17
	k3	-20.00	1046.37	1.000	-3151.17	3111.17
	p	70.00	1046.37	1.000	-3061.17	3201.17
k3	kontrol	5240.00*	1046.37	.001	2108.83	8371.17
	k1	2180.00	1046.37	.265	-951.17	5311.17
	k2	20.00	1046.37	1.000	-3111.17	3151.17
	p	90.00	1046.37	1.000	-3041.17	3221.17
p	kontrol	5150.00*	1046.37	.001	2018.83	8281.17
	k1	2090.00	1046.37	.303	-1041.17	5221.17
	k2	-70.00	1046.37	1.000	-3201.17	3061.17
	k3	-90.00	1046.37	1.000	-3221.17	3041.17

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

LEUKOSIT

Tukey HSD^a

FORMULA	N	Subset for alpha = .05	
		1	2
kontrol	5	9260.00	
k1	5	12320.00	12320.00
p	5		14410.00
k2	5		14480.00
k3	5		14500.00
Sig.		.057	.265

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 5.000.

Perhitungan One Way Anova Jumlah Leukosit Tikus Jam ke-6

Descriptives

LEUKOSIT

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
kontrol	5	10340.00	824.17	368.58	9316.66	11363.34	9550	11650
k1	5	15490.00	601.46	268.98	14743.19	16236.81	14900	16350
k2	5	17970.00	1401.16	626.62	16230.23	19709.77	16350	19650
k3	5	18020.00	1151.41	514.93	16590.33	19449.67	16200	19250
p	5	16520.00	1917.88	857.70	14138.64	18901.36	13950	18450
Total	25	15668.00	3108.55	621.71	14384.85	16951.15	9550	19650

ANOVA

LEUKOSIT

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	2.0E+08	4	5.0E+07	31.199	.000
Within Groups	3.2E+07	20	1601650		
Total	2.3E+08	24			

Multiple Comparisons

Dependent Variable: LEUKOSIT

Tukey HSD

(I) FORMULA	(J) FORMULA	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
kontrol	k1	-5150.00*	800.41	.000	-7545.16	-2754.84
	k2	-7630.00*	800.41	.000	-10025.16	-5234.84
	k3	-7680.00*	800.41	.000	-10075.16	-5284.84
	p	-6180.00*	800.41	.000	-8575.16	-3784.84
k1	kontrol	5150.00*	800.41	.000	2754.84	7545.16
	k2	-2480.00*	800.41	.040	-4875.16	-84.84
	k3	-2530.00*	800.41	.035	-4925.16	-134.84
	p	-1030.00	800.41	.702	-3425.16	1365.16
k2	kontrol	7630.00*	800.41	.000	5234.84	10025.16
	k1	2480.00*	800.41	.040	84.84	4875.16
	k3	-50.00	800.41	1.000	-2445.16	2345.16
	p	1450.00	800.41	.395	-945.16	3845.16
k3	kontrol	7680.00*	800.41	.000	5284.84	10075.16
	k1	2530.00*	800.41	.035	134.84	4925.16
	k2	50.00	800.41	1.000	-2345.16	2445.16
	p	1500.00	800.41	.362	-895.16	3895.16
p	kontrol	6180.00*	800.41	.000	3784.84	8575.16
	k1	1030.00	800.41	.702	-1365.16	3425.16
	k2	-1450.00	800.41	.395	-3845.16	945.16
	k3	-1500.00	800.41	.362	-3895.16	895.16

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

LEUKOSIT

Tukey HSD^a

FORMULA	N	Subset for alpha = .05		
		1	2	3
kontrol	5	10340.00		
k1	5		15490.00	
p	5		16520.00	16520.00
k2	5			17970.00
k3	5			18020.00
Sig.		1.000	.702	.362

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 5.000.

Perhitungan One Way Anova Jumlah Leukosit Tikus Jam ke-8

Descriptives

LEUKOSIT

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
kontrol	5	13730.00	923.04	412.80	12583.90	14876.10	12400	14800
k1	5	8390.00	964.62	431.39	7192.26	9587.74	7200	9750
k2	5	10540.00	1037.67	464.06	9251.57	11828.43	8950	11800
k3	5	11420.00	1796.73	803.52	9189.06	13650.94	9400	14100
p	5	11650.00	1667.71	745.82	9579.27	13720.73	9950	14100
Total	25	11146.00	2143.98	428.80	10261.01	12030.99	7200	14800

ANOVA

LEUKOSIT

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	7.5E+07	4	1.9E+07	10.549	.000
Within Groups	3.5E+07	20	1773750		
Total	1.1E+08	24			

Multiple Comparisons

Dependent Variable: LEUKOSIT

Tukey HSD

(I) FORMULA	(J) FORMULA	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
kontrol	k1	5340.00*	842.32	.000	2819.45	7860.55
	k2	3190.00*	842.32	.009	669.45	5710.55
	k3	2310.00	842.32	.082	-210.55	4830.55
	p	2080.00	842.32	.138	-440.55	4600.55
k1	kontrol	-5340.00*	842.32	.000	-7860.55	-2819.45
	k2	-2150.00	842.32	.118	-4670.55	370.55
	k3	-3030.00*	842.32	.014	-5550.55	-509.45
	p	-3260.00*	842.32	.008	-5780.55	-739.45
k2	kontrol	-3190.00*	842.32	.009	-5710.55	-669.45
	k1	2150.00	842.32	.118	-370.55	4670.55
	k3	-880.00	842.32	.832	-3400.55	1640.55
	p	-1110.00	842.32	.684	-3630.55	1410.55
k3	kontrol	-2310.00	842.32	.082	-4830.55	210.55
	k1	3030.00*	842.32	.014	509.45	5550.55
	k2	880.00	842.32	.832	-1640.55	3400.55
	p	-230.00	842.32	.999	-2750.55	2290.55
p	kontrol	-2080.00	842.32	.138	-4600.55	440.55
	k1	3260.00*	842.32	.008	739.45	5780.55
	k2	1110.00	842.32	.684	-1410.55	3630.55
	k3	230.00	842.32	.999	-2290.55	2750.55

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

LEUKOSIT

Tukey HSD^a

FORMULA	N	Subset for alpha = .05		
		1	2	3
k1	5	8390.00		
k2	5	10540.00	10540.00	
k3	5		11420.00	11420.00
p	5		11650.00	11650.00
kontrol	5			13730.00
Sig.		.118	.684	.082

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 5.000.

LAMPIRAN F

PERHITUNGAN SUSUT PENGERINGAN, PENETAPAN KADAR ABU SIMPLISIA, KADAR SENYAWA YANG LARUT DALAM ETANOL, DAN KADAR AIR

Perhitungan Susut Pengerinan

Replikasi	Hasil Susut Pengerinan
1	8,29
2	8,11
3	8,38
Rerata ± SD	8,26 ± 0,14

Perhitungan Penetapan Kadar Abu Simplisia

$$\text{Kadar abu} = \frac{(\text{berat konstan krus} + \text{abu}) - (\text{berat konstan krus kosong})}{\text{berat serbuk}} \times 100\%$$

Replikasi	Berat serbuk (gram)	Berat konstan krus kosong (gram)	Berat konstan krus + abu (gram)	Kadar abu (%)
1	2,0066	21,5941	21,7032	5,44
2	2,0085	21,6042	21,6997	4,75
3	2,0098	21,5536	21,6588	5,23
Rerata ± SD				5,14 ± 0,35

Penetapan Kadar Senyawa yang Larut dalam Etanol

$$\text{Kadar senyawa larut etanol} = \frac{(\text{berat konstan cawan + serbuk}) - (\text{berat cawan})}{\text{berat serbuk}} \times 100\%$$

No	Berat serbuk (gram)	Berat konstan cawan (gram)	Berat konstan cawan + serbuk (gram)	Kadar senyawa larut etanol (%)
1	5,0037	67,3145	67,4132	3,97%
2	5,0068	72,3618	72,5364	3,48%
3	5,0073	62,0231	62,2164	3,86%
Rerata ± SD				3,77 ± 0,25

Penetapan Kadar Air

Replikasi	Kadar Air
1	4,29
2	4,11
3	3,87
Rerata ± SD	4,09 ± 0,21

LAMPIRAN G

TABEL UJI F

Denominators 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 H
TABEL UJI HSD 1%

$\begin{matrix} k \\ \text{d. k.} \end{matrix}$	2	3	4	5	6	7	8	9	10	11
5	5.70	6.98	7.80	8.42	8.91	9.32	9.67	9.97	10.24	10.48
6	5.24	6.33	7.03	7.56	7.97	8.32	8.61	8.87	9.10	9.30
7	4.95	5.92	6.54	7.01	7.37	7.68	7.94	8.17	8.37	8.55
8	4.75	5.64	6.20	6.62	6.96	7.24	7.47	7.68	7.86	8.03
9	4.60	5.43	5.96	6.35	6.66	6.91	7.13	7.33	7.49	7.65
10	4.48	5.27	5.77	6.14	6.43	6.67	6.87	7.05	7.21	7.36
11	4.39	5.15	5.62	5.97	6.25	6.48	6.67	6.84	6.99	7.13
12	4.32	5.05	5.50	5.84	6.10	6.32	6.51	6.67	6.81	6.94
13	4.26	4.96	5.40	5.73	5.98	6.19	6.37	6.53	6.67	6.79
14	4.21	4.89	5.32	5.63	5.88	6.08	6.26	6.41	6.54	6.66
15	4.17	4.84	5.25	5.56	5.80	5.99	6.16	6.31	6.44	6.55
16	4.13	4.79	5.19	5.49	5.72	5.92	6.08	6.22	6.35	6.46
17	4.10	4.74	5.14	5.43	5.66	5.85	6.01	6.15	6.27	6.38
18	4.07	4.70	5.09	5.38	5.60	5.79	5.94	6.08	6.20	6.31
19	4.05	4.67	5.05	5.33	5.55	5.73	5.89	6.02	6.14	6.25
20	4.02	4.64	5.02	5.29	5.51	5.69	5.84	5.97	6.09	6.19
24	3.96	4.55	4.91	5.17	5.37	5.54	5.69	5.81	5.92	6.02
30	3.89	4.45	4.80	5.05	5.24	5.40	5.54	5.65	5.76	5.85
40	3.82	4.37	4.70	4.93	5.11	5.26	5.39	5.50	5.60	5.67
60	3.76	4.28	4.59	4.82	4.99	5.13	5.25	5.36	5.45	5.53
120	3.70	4.20	4.50	4.71	4.87	5.01	5.12	5.21	5.30	5.38
∞	3.64	4.12	4.40	4.60	4.76	4.88	4.99	5.08	5.16	5.23

LAMPIRAN I
TABEL UJI HSD 5%

$\begin{matrix} k \\ \text{d.k.} \end{matrix}$	2	3	4	5	6	7	8	9	10	11
5	3.64	4.60	5.22	5.67	6.03	6.33	6.58	6.80	6.99	7.17
6	3.46	4.34	4.90	5.30	5.63	5.90	6.12	6.32	6.49	6.65
7	3.34	4.16	4.68	5.06	5.36	5.61	5.82	6.00	6.16	6.30
8	3.26	4.01	4.53	4.89	5.17	5.40	5.60	5.77	5.92	6.05
9	3.20	3.95	4.41	4.76	5.02	5.24	5.43	5.59	5.74	5.87
10	3.15	3.88	4.33	4.65	4.91	5.12	5.30	5.46	5.60	5.72
11	3.11	3.82	4.26	4.57	4.82	5.03	5.20	5.35	5.49	5.61
12	3.08	3.77	4.20	4.51	4.75	4.95	5.12	5.27	5.39	5.51
13	3.06	3.73	4.15	4.45	4.69	4.88	5.05	5.19	5.32	5.43
14	3.03	3.70	4.11	4.41	4.64	4.83	4.99	5.13	5.25	5.36
15	3.01	3.67	4.08	4.37	4.59	4.78	4.94	5.08	5.20	5.31
16	3.00	3.65	4.05	4.33	4.56	4.74	4.90	5.03	5.15	5.26
17	2.98	3.63	4.02	4.30	4.52	4.71	4.86	4.99	5.11	5.21
18	2.97	3.61	4.00	4.28	4.49	4.67	4.82	4.96	5.07	5.17
19	2.96	3.59	3.98	4.25	4.47	4.65	4.79	4.92	5.04	5.14
20	2.95	3.58	3.96	4.23	4.45	4.62	4.77	4.90	5.01	5.11
24	2.92	3.53	3.90	4.17	4.37	4.54	4.68	4.81	4.92	5.01
30	2.89	3.49	3.85	4.10	4.30	4.46	4.60	4.72	4.82	4.92
40	2.86	3.44	3.79	4.04	4.23	4.39	4.52	4.63	4.73	4.82
60	2.83	3.40	3.74	3.98	4.16	4.31	4.44	4.55	4.65	4.73
120	2.80	3.36	3.68	3.92	4.10	4.24	4.36	4.47	4.56	4.64
∞	2.77	3.31	3.63	3.86	4.03	4.17	4.29	4.39	4.47	4.55

Catatan kaki: Dari *Annals of mathematical statistics*. Diulang cetak seizin penerbit, The Institute of Mathematical Statistics.

Sumber: Scheffler (1987).

LAMPIRAN J

TABEL UJI R

DEGREES OF FREEDOM (DF)	5 PERCENT	1 PERCENT	DEGREES OF FREEDOM (DF)	5 PERCENT	1 PERCENT
1	.997	1.000	24	.388	.496
2	.950	.990	25	.381	.487
3	.878	.959	26	.374	.478
4	.811	.917	27	.367	.470
5	.754	.874	28	.361	.463
6	.707	.834	29	.355	.456
7	.666	.798	30	.349	.449
8	.632	.765	35	.325	.418
9	.602	.735	40	.304	.393
10	.576	.708	48	.288	.372
11	.553	.684	50	.273	.354
12	.532	.661	60	.250	.325
13	.514	.641	70	.232	.302
14	.497	.623	80	.217	.283
15	.482	.606	90	.205	.267
16	.468	.590	100	.195	.254
17	.456	.575	125	.174	.228
18	.444	.561	150	.159	.208
19	.433	.549	200	.138	.181
20	.423	.537	300	.113	.148
21	.413	.526	400	.098	.128
22	.404	.515	500	.088	.115
23	.396	.505	1000	.062	.081

Sumber: Soedigdo & Soedigdo (1977).

LAMPIRAN K
SURAT DETERMINASI TANAMAN AJERAN



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

Nomor : 074 / 06 / 101.8 / 2009
Sifat : Biasa
Perihal : Determinasi Tanaman Ajeran

Memenuhi permohonan saudara
Nama : GRACIA BUDIASIH
NIM : 2443006043
Fakultas : Fakultas Farmasi
Universitas Widya Mandala Surabaya

1. Perihal determinasi tanaman Ajeran
Kingdom : Plantae (Tumbuhan)
Super Divisi : Spermatophyta (Menghasilkan biji)
Divisi : Magnoliophyta (Tumbuhan berbunga)
Kelas : Magnoliopsida/ Dicotyledonae (berkeping dua / dikotil)
Sub Kelas : Asteridae
Ordo : Asterales
Famili : Asteraceae /Compositae
Marga : Bidens
Jenis : *Bidens pilosa* L.
Sinonim : *Bidens sundaica* Blume (1826), *Bidens leucorrhiza* (Lour.) DC. (1836), *Bidens pilosa* L. var. *minor* (Blume) Sherff (1925).
Nama daerah : ajeran, hareuga (Sunda), jaringan, ketul (Jawa).
2. Nama Simplisia : Bidentitis pilosae Herba; Herba Ajeran.
3. Kandungan Kimia : Alkaloid polina, saponin, zat pahit, minyak atsiri, dan zat samak.
4. Penggunaan : Penelitian

Demikian determinasi ini kami buat untuk dipergunakan sebagaimana mestinya.

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



LAMPIRAN L
SURAT DETERMINASI TIKUS PUTIH JANTAN

CV. SURABAYA MOUSE SERVICE
WEDORO MASJID NO. 20-E RT. 01 RW.05 WEDORO
KECAMATAN WARU SIDOARJO
TELP. 081938310682 – 03170259110

Yang bertanda tangan di bawah ini:

Nama : M. Syamsul Bahri, S.Kom

Selaku penanggung jawab Pengembangan Hewan Percobaan

Menerangkan bahwa yang digunakan pada penelitian:

Judul : Uji Efek Antiinflamasi Ekstrak Herba Ajeran (Bidens pilosa)
Pada Tikus Putih Jantan.

Peneliti : Gracia Budiasih

Institusi : Fakultas Farmasi Universitas Katolik Widya Mandala
Surabaya

NRP : 2443006043

Merupakan hewan uji dengan spesifikasi:

Tikus galur : Wistar

Umur : 2 – 3 bulan

Jenis kelamin : Jantan

Jumlah : 25

Demikian surat keterangan ini dibuat untuk dapat digunakan sebaik-baiknya.

Sidoarjo, 14 Februari 2010

Penanggung Jawab



(M. Syamsul Bahri, S.Kom)