

LAMPIRAN A
HASIL PARAMETER SIMPLISIA
Perhitungan Susut Pengerinan

Replikasi	Hasil Susut Pengerinan(% b/b)
1	4,42
2	4,43
3	4,43
Rerata	4,43

$$\text{Rerata} = \frac{4,42\% + 4,43\% + 4,43\%}{3}$$

$$= 4,43 \%$$

Perhitungan Kadar Abu Serbuk daun Dewa

Replikasi	W serbuk (g)	W (krus kosong+abu)	W(krus kosong) (g)	W abu (g)	Kadar abu (%b/b)
1	2,0285	41,8458	41,7500	0,0958	4,72
2	2,0132	41,7468	41,6521	0,0947	4,70
3	2,0540	41,8003	41,7121	0,0882	4,29
Rerata					4,57

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

$$1. \frac{41,8458 - 41,7500}{2,0285} = 4,72 \%$$

$$2. \frac{41,7468 - 41,6521}{2,0132} = 4,70 \%$$

$$3. \frac{41,8003 - 41,7121}{2,0540} = 4,29 \%$$

$$\text{Rerata} = \frac{4,72\% + 4,70\% + 4,29\%}{3} = 4,57 \%$$

LAMPIRAN B

Perhitungan Kadar Sari Larut Etanol Fraksi Etil Asetat Ekstrak Etanol Daun Dewa

Replikasi	W fraksi ekstrak (g)	W(cawan kosong+ sari) (g)	W (cawan kosong) (g)	W sari (g)	Kadar sari (% b/b)
1	0,5021	59,1153	58,6131	0,0124	12,35
2	0,5014	61,3141	60,8127	0,0111	11,06
3	0,5012	53,222	52,7218	0,0102	10,17
Rerata					11,19

$$\text{Kadar Sari} = \frac{W (\text{sari+cawan}) - W (\text{krus kosong})}{W \text{ fraksi ekstrak}} \times 100 \times 100\%$$

$$1. \frac{59,1153 - 58,6131}{0,5021} \times \frac{100}{20} \times 100 \% = 12,35 \%$$

$$2. \frac{61,3141 - 60,8127}{0,5014} \times \frac{100}{20} \times 100 \% = 11,06 \%$$

$$3. \frac{53,222 - 52,7218}{0,5012} \times \frac{100}{20} \times 100 \% = 10,17 \%$$

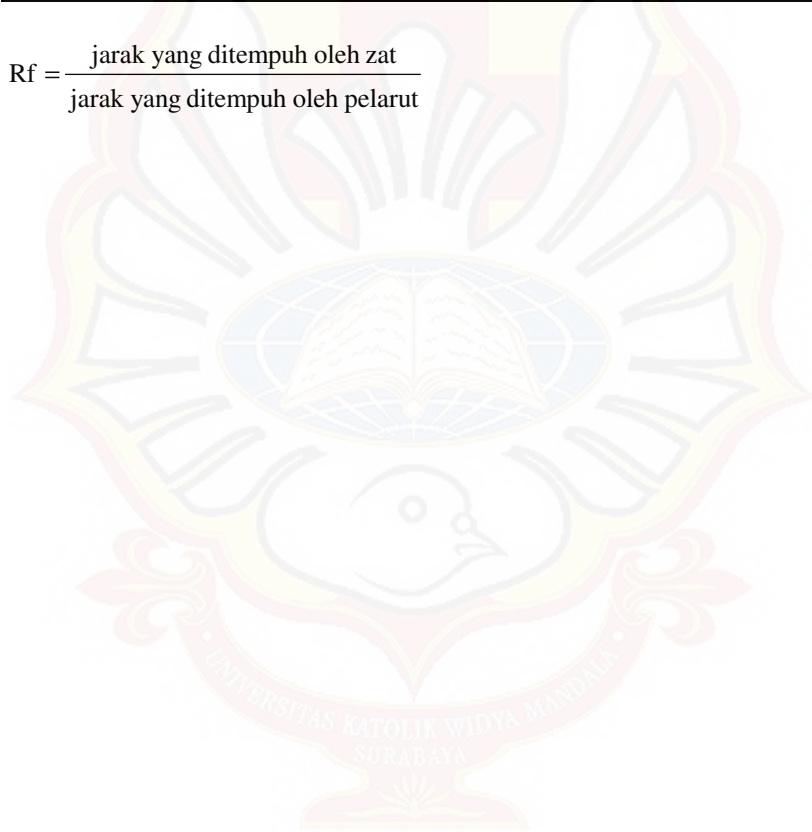
$$\text{Rata-rata} = \frac{12,35 \% + 11,06 \% + 10,17\%}{3}$$

$$= 11,19 \%$$

LAMPIRAN C
Perhitungan Harga Rf

Keterangan	UV λ 254 nm	UV λ 366 nm
Pembanding (rutin)	3,2/8 = 0,40 (noda 1)	3,2/8 = 0,40 (noda 1)
	5,7/8 = 0,71 (noda 2)	5,7/8 = 0,71 (noda 2)
Ekstrak etanol daun dewa	3,5/8 = 0,43 (noda 1)	3,5/8 = 0,43 (noda 1)
	6,8/8 = 0,85 (noda 2)	6,8/8 = 0,85 (noda 2)
Fraksi etil asetat ekstrak etanol daun dewa	5,1/8 = 0,64 (noda 1)	5,1/8 = 0,64 (noda 1)
	6,5/8 = 0,81 (noda 2)	6,5/8 = 0,81 (noda 2)

$$R_f = \frac{\text{jarak yang ditempuh oleh zat}}{\text{jarak yang ditempuh oleh pelarut}}$$



LAMPIRAN D
Cara Perhitungan Dosis

$$\begin{aligned} \text{Dosis LC}_{50} &= \text{Anti Log Q dari analisis Probit (SPSS)} \\ &= 96,074 \end{aligned}$$

Volume darah tikus = 57,5- 69,9 ml/KgBB (Sharp and Regina, 1998)

$$\begin{aligned} \text{Dosis Tikus} &= 96,074 \times \frac{69,9 \text{ ml/Kg}}{1000} \\ &= 6,72 \text{ mg/KgBB} \end{aligned}$$

Volume pemberian = 1ml/100 gr BB

$$\frac{6,72 \text{ mg/KgBB}}{10} = 0,672 \text{ mg/100 gBB}$$

Volume sediaan = 0,672 mg/100 gBB

Terbagi Dalam 3 dosis, yaitu :

$$\begin{aligned} \text{Dosis atas} &= 2 \times 0,672 \text{ mg/100 gBB} \\ &= 1,344 \text{ mg/100 Gbb} \\ &= 13,44 \text{ mg/KgBB} \end{aligned}$$

$$\begin{aligned} \text{Dosis tengah} &= 0,672 \text{ mg/ 100 gBB} \\ &= 6,72 \text{ mg/KgBB} \end{aligned}$$

$$\begin{aligned} \text{Dosis bawah} &= \frac{1}{2} \times 0,672 \text{ mg/100 gBB} \\ &= 0,336 \text{ mg/100 gBB} \\ &= 3,36 \text{ mg/KgBB} \end{aligned}$$

$$\begin{aligned} \text{R Volume darah tikus} = b &\begin{cases} \rightarrow 3,36 \text{ mg/Kg BB} = 2b \\ \rightarrow 6,72 \text{ mg/KgBB} \\ \rightarrow 13,33 \text{ mg/KgBB} = 1/2 b \end{cases} \end{aligned}$$

LAMPIRAN E
Data Perhitungan SPSS (Koefisien Korelasi dan HSD 5%)

JAM KE-1

ANOVA

Delta_V					
	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	.018	4	.005	2.091	.120
Within Groups	.044	20	.002		
Total	.062	24			

Post Hoc Tests

Multiple Comparisons

Delta_V
 Tukey HSD

(I) t_fr	(J) t_fr	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
t1 fraksi 1	t1 fraksi 2	-.02000	.02966	.960	-.1088	.0688
	t1 fraksi 3	-.02000	.02966	.960	-.1088	.0688
	t1 PGA 3%	-.08000	.02966	.090	-.1688	.0088
	t1 Na Diklo	-.04000	.02966	.666	-.1288	.0488
t1 fraksi 2	t1 fraksi 1	.02000	.02966	.960	-.0688	.1088
	t1 fraksi 3	.00000	.02966	1.000	-.0888	.0888
	t1 PGA 3%	-.06000	.02966	.291	-.1488	.0288
	t1 Na Diklo	-.02000	.02966	.960	-.1088	.0688
t1 fraksi 3	t1 fraksi 1	.02000	.02966	.960	-.0688	.1088
	t1 fraksi 2	.00000	.02966	1.000	-.0888	.0888

t1 PGA 3%		-.06000	.02966	.291	-.1488	.0288
t1 Na Diklo		-.02000	.02966	.960	-.1088	.0688
t1 PGA 3%	t1 fraksi 1	.08000	.02966	.090	-.0088	.1688
	t1 fraksi 2	.06000	.02966	.291	-.0288	.1488
	t1 fraksi 3	.06000	.02966	.291	-.0288	.1488
	t1 Na Diklo	.04000	.02966	.666	-.0488	.1288
t1 Na Diklo	t1 fraksi 1	.04000	.02966	.666	-.0488	.1288
	t1 fraksi 2	.02000	.02966	.960	-.0688	.1088
	t1 fraksi 3	.02000	.02966	.960	-.0688	.1088
	t1 PGA 3%	-.04000	.02966	.666	-.1288	.0488

Oneway
JAM KE-2

ANOVA

Delta_V	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	.054	4	.014	2,24	.033
Within Groups	.084	20	.004		
Total	.138	24			

Multiple Comparisons

Delta_V
Tukey HSD

(I) t_fr	(J) t_fr	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
t2 fraksi 1	t2 fraksi 2	-.04000	.04099	.863	-.1627	.0827
	t2 fraksi 3	-.08000	.04099	.324	-.2027	.0427
	t2 PGA 3%	-.14000*	.04099	.020	-.2627	-.0173
	t2 Na Diklo	-.08000	.04099	.324	-.2027	.0427
t2 fraksi 2	t2 fraksi 1	.04000	.04099	.863	-.0827	.1627
	t2 fraksi 3	-.04000	.04099	.863	-.1627	.0827
	t2 PGA 3%	-.10000	.04099	.145	-.2227	.0227
	t2 Na Diklo	-.04000	.04099	.863	-.1627	.0827
t2 fraksi 3	t2 fraksi 1	.08000	.04099	.324	-.0427	.2027
	t2 fraksi 2	.04000	.04099	.863	-.0827	.1627
	t2 PGA 3%	-.06000	.04099	.596	-.1827	.0627
	t2 Na Diklo	.00000	.04099	1.000	-.1227	.1227
t2 PGA 3%	t2 fraksi 1	.14000*	.04099	.020	.0173	.2627
	t2 fraksi 2	.10000	.04099	.145	-.0227	.2227
	t2 fraksi 3	.06000	.04099	.145	-.0627	.1827
	t2 Na Diklo	.06000	.04099	.002	-.0627	.1827
t2 Na Diklo	t2 fraksi 1	.08000	.04099	.324	-.0427	.2027
	t2 fraksi 2	.04000	.04099	.863	-.0827	.1627
	t2 fraksi 3	.00000	.04099	1.000	-.1227	.1227
	t2 PGA 3%	-.06000	.04099	.596	-.1827	.0627

*. The mean difference is significant

Oneway
JAM KE-3

ANOVA

Delta_V					
	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	.048	4	.012	7.500	.001
Within Groups	.032	20	.002		
Total	.080	24			

Multiple Comparisons

Delta_V
Tukey HSD

(I) t_fr	(J) t_fr	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
t3 fraksi 1	t3 fraksi 2	-.08000 [*]	.02530	.035	-.1557	-.0043
	t3 fraksi 3	-.08000 [*]	.02530	.035	-.1557	-.0043
	t3 PGA 3%	-.12000 [*]	.02530	.001	-.1957	-.0443
	t3 Na Diklo	-.02000	.02530	.930	-.0957	.0557
t3 fraksi 2	t3 fraksi 1	.08000 [*]	.02530	.035	.0043	.1557
	t3 fraksi 3	.00000	.02530	1.000	-.0757	.0757
	t3 PGA 3%	-.04000	.02530	.525	-.1157	.0357
	t3 Na Diklo	.06000	.02530	.164	-.0157	.1357
t3 fraksi 3	t3 fraksi 1	.08000 [*]	.02530	.035	.0043	.1557
	t3 fraksi 2	.00000	.02530	1.000	-.0757	.0757
	t3 PGA 3%	-.04000	.02530	.525	-.1157	.0357
	t3 Na Diklo	.06000	.02530	.164	-.0157	.1357
t3 PGA 3%	t3 fraksi 1	.12000 [*]	.02530	.001	.0443	.1957
	t3 fraksi 2	.04000	.02530	.525	-.0357	.1157

t3 fraksi 3	.04000	.02530	.525	-.0357	.1157
t3 Na Diklo	.10000*	.02530	.006	.0243	.1757
t3 Na Diklo t3 fraksi 1	.02000	.02530	.930	-.0557	.0957
t3 fraksi 2	-.06000	.02530	.164	-.1357	.0157
t3 fraksi 3	-.06000	.02530	.164	-.1357	.0157
t3 PGA 3%	-.10000*	.02530	.006	-.1757	-.0243

*. The mean difference is significant at the 0.05 level.

Oneway
JAM KE-4

ANOVA

Delta_V					
	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	.062	4	.016	15.600	.000
Within Groups	.020	20	.001		
Total	.082	24			

Multiple Comparisons

Delta_V
Tukey HSD

(I) t_fr	(J) t_fr	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
t4 fraksi 1	t4 fraksi 2	-.08000*	.02000	.006	-.1398	-.0202
	t4 fraksi 3	-.12000*	.02000	.000	-.1798	-.0602
	t4 PGA 3%	-.12000*	.02000	.000	-.1798	-.0602
	t4 Na Diklo	-.02000	.02000	.852	-.0798	.0398
t4 fraksi 2	t4 fraksi 1	.08000*	.02000	.006	.0202	.1398
	t4 fraksi 3	-.04000	.02000	.302	-.0998	.0198
	t4 PGA 3%	-.04000	.02000	.302	-.0998	.0198
	t4 Na Diklo	.06000*	.02000	.049	.0002	.1198
t4 fraksi 3	t4 fraksi 1	.12000*	.02000	.000	.0602	.1798
	t4 fraksi 2	.04000	.02000	.302	-.0198	.0998
	t4 PGA 3%	.00000	.02000	1.000	-.0598	.0598
	t4 Na Diklo	.10000*	.02000	.001	.0402	.1598
t4 PGA 3%	t4 fraksi 1	.12000*	.02000	.000	.0602	.1798
	t4 fraksi 2	.04000	.02000	.302	-.0198	.0998
	t4 fraksi 3	.00000	.02000	1.000	-.0598	.0598
	t4 Na Diklo	.10000*	.02000	.001	.0402	.1598
t4 Na Diklo	t4 fraksi 1	.02000	.02000	.852	-.0398	.0798
	t4 fraksi 2	-.06000*	.02000	.049	-.1198	-.0002
	t4 fraksi 3	-.10000*	.02000	.001	-.1598	-.0402
	t4 PGA 3%	-.10000*	.02000	.001	-.1598	-.0402

*. The mean difference is significant at the

Oneway
JAM KE-5

ANOVA

Delta_V					
	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	.054	4	.014	5.231	.005
Within Groups	.052	20	.003		
Total	.106	24			

Multiple Comparisons

Delta_V
Tukey HSD

(I) t_fr	(J) t_fr	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
t5 fraksi 1	t5 fraksi 2	-.06000	.03225	.369	-.1565	.0365
	t5 fraksi 3	-.08000	.03225	.135	-.1765	.0165
	t5 PGA 3%	-.12000*	.03225	.010	-.2165	-.0235
	t5 Na Diklo	.00000	.03225	1.000	-.0965	.0965
t5 fraksi 2	t5 fraksi 1	.06000	.03225	.369	-.0365	.1565
	t5 fraksi 3	-.02000	.03225	.970	-.1165	.0765
	t5 PGA 3%	-.06000	.03225	.369	-.1565	.0365
	t5 Na Diklo	.06000	.03225	.369	-.0365	.1565
t5 fraksi 3	t5 fraksi 1	.08000	.03225	.135	-.0165	.1765
	t5 fraksi 2	.02000	.03225	.970	-.0765	.1165
	t5 PGA 3%	-.04000	.03225	.729	-.1365	.0565
	t5 Na Diklo	.08000	.03225	.135	-.0165	.1765

t5 PGA 3%	t5 fraksi 1	.12000*	.03225	.010	.0235	.2165
	t5 fraksi 2	.06000	.03225	.369	-.0365	.1565
	t5 fraksi 3	.04000	.03225	.729	-.0565	.1365
	t5 Na Diklo	.12000*	.03225	.010	.0235	.2165
t5 Na Diklo	t5 fraksi 1	.00000	.03225	1.000	-.0965	.0965
	t5 fraksi 2	-.06000	.03225	.369	-.1565	.0365
	t5 fraksi 3	-.08000	.03225	.135	-.1765	.0165
	t5 PGA 3%	-.12000*	.03225	.010	-.2165	-.0235

*. The mean difference is significant at the 0.05 level.

Oneway
JAM KE-6

ANOVA

Delta_V					
	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	.090	4	.022	9.333	.000
Within Groups	.048	20	.002		
Total	.138	24			

Multiple Comparisons

Delta_V
Tukey HSD

(I) t_fr	(J) t_fr	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
t6 fraksi 1	t6 fraksi 2	-.02000	.03098	.966	-.1127	.0727
	t6 fraksi 3	-.04000	.03098	.699	-.1327	.0527
	t6 PGA 3%	-.16000*	.03098	.000	-.2527	-.0673
	t6 Na Diklo	.00000	.03098	1.000	-.0927	.0927
t6 fraksi 2	t6 fraksi 1	.02000	.03098	.966	-.0727	.1127
	t6 fraksi 3	-.02000	.03098	.966	-.1127	.0727
	t6 PGA 3%	-.14000*	.03098	.002	-.2327	-.0473
	t6 Na Diklo	.02000	.03098	.966	-.0727	.1127
t6 fraksi 3	t6 fraksi 1	.04000	.03098	.699	-.0527	.1327
	t6 fraksi 2	.02000	.03098	.966	-.0727	.1127
	t6 PGA 3%	-.12000*	.03098	.007	-.2127	-.0273
	t6 Na Diklo	.04000	.03098	.699	-.0527	.1327
t6 PGA 3%	t6 fraksi 1	.16000*	.03098	.000	.0673	.2527
	t6 fraksi 2	.14000*	.03098	.002	.0473	.2327
	t6 fraksi 3	.12000*	.03098	.007	.0273	.2127
	t6 Na Diklo	.16000*	.03098	.000	.0673	.2527
t6 Na Diklo	t6 fraksi 1	.00000	.03098	1.000	-.0927	.0927
	t6 fraksi 2	-.02000	.03098	.966	-.1127	.0727
	t6 fraksi 3	-.04000	.03098	.699	-.1327	.0527
	t6 PGA 3%	-.16000*	.03098	.000	-.2527	-.0673

*. The mean difference is significant at the 0.05 level.

LAMPIRAN F

TABEL UJI F

	1	2	3	4	5	6	7	8
1	1.000	0.995	0.990	0.985	0.980	0.975	0.970	0.965
2	0.995	0.990	0.985	0.980	0.975	0.970	0.965	0.960
3	0.990	0.985	0.980	0.975	0.970	0.965	0.960	0.955
4	0.985	0.980	0.975	0.970	0.965	0.960	0.955	0.950
5	0.980	0.975	0.970	0.965	0.960	0.955	0.950	0.945
6	0.975	0.970	0.965	0.960	0.955	0.950	0.945	0.940
7	0.970	0.965	0.960	0.955	0.950	0.945	0.940	0.935
8	0.965	0.960	0.955	0.950	0.945	0.940	0.935	0.930
9	0.960	0.955	0.950	0.945	0.940	0.935	0.930	0.925
10	0.955	0.950	0.945	0.940	0.935	0.930	0.925	0.920
11	0.950	0.945	0.940	0.935	0.930	0.925	0.920	0.915
12	0.945	0.940	0.935	0.930	0.925	0.920	0.915	0.910
13	0.940	0.935	0.930	0.925	0.920	0.915	0.910	0.905
14	0.935	0.930	0.925	0.920	0.915	0.910	0.905	0.900
15	0.930	0.925	0.920	0.915	0.910	0.905	0.900	0.895
16	0.925	0.920	0.915	0.910	0.905	0.900	0.895	0.890
17	0.920	0.915	0.910	0.905	0.900	0.895	0.890	0.885
18	0.915	0.910	0.905	0.900	0.895	0.890	0.885	0.880
19	0.910	0.905	0.900	0.895	0.890	0.885	0.880	0.875
20	0.905	0.900	0.895	0.890	0.885	0.880	0.875	0.870
22	0.900	0.895	0.890	0.885	0.880	0.875	0.870	0.865
24	0.895	0.890	0.885	0.880	0.875	0.870	0.865	0.860
26	0.890	0.885	0.880	0.875	0.870	0.865	0.860	0.855
28	0.885	0.880	0.875	0.870	0.865	0.860	0.855	0.850
30	0.880	0.875	0.870	0.865	0.860	0.855	0.850	0.845
32	0.875	0.870	0.865	0.860	0.855	0.850	0.845	0.840
34	0.870	0.865	0.860	0.855	0.850	0.845	0.840	0.835
36	0.865	0.860	0.855	0.850	0.845	0.840	0.835	0.830
38	0.860	0.855	0.850	0.845	0.840	0.835	0.830	0.825
40	0.855	0.850	0.845	0.840	0.835	0.830	0.825	0.820
42	0.850	0.845	0.840	0.835	0.830	0.825	0.820	0.815
44	0.845	0.840	0.835	0.830	0.825	0.820	0.815	0.810
46	0.840	0.835	0.830	0.825	0.820	0.815	0.810	0.805
48	0.835	0.830	0.825	0.820	0.815	0.810	0.805	0.800
50	0.830	0.825	0.820	0.815	0.810	0.805	0.800	0.795
52	0.825	0.820	0.815	0.810	0.805	0.800	0.795	0.790
54	0.820	0.815	0.810	0.805	0.800	0.795	0.790	0.785
56	0.815	0.810	0.805	0.800	0.795	0.790	0.785	0.780
58	0.810	0.805	0.800	0.795	0.790	0.785	0.780	0.775
60	0.805	0.800	0.795	0.790	0.785	0.780	0.775	0.770
62	0.800	0.795	0.790	0.785	0.780	0.775	0.770	0.765
64	0.795	0.790	0.785	0.780	0.775	0.770	0.765	0.760
66	0.790	0.785	0.780	0.775	0.770	0.765	0.760	0.755
68	0.785	0.780	0.775	0.770	0.765	0.760	0.755	0.750
70	0.780	0.775	0.770	0.765	0.760	0.755	0.750	0.745
72	0.775	0.770	0.765	0.760	0.755	0.750	0.745	0.740
74	0.770	0.765	0.760	0.755	0.750	0.745	0.740	0.735
76	0.765	0.760	0.755	0.750	0.745	0.740	0.735	0.730
78	0.760	0.755	0.750	0.745	0.740	0.735	0.730	0.725
80	0.755	0.750	0.745	0.740	0.735	0.730	0.725	0.720
82	0.750	0.745	0.740	0.735	0.730	0.725	0.720	0.715
84	0.745	0.740	0.735	0.730	0.725	0.720	0.715	0.710
86	0.740	0.735	0.730	0.725	0.720	0.715	0.710	0.705
88	0.735	0.730	0.725	0.720	0.715	0.710	0.705	0.700
90	0.730	0.725	0.720	0.715	0.710	0.705	0.700	0.695
92	0.725	0.720	0.715	0.710	0.705	0.700	0.695	0.690
94	0.720	0.715	0.710	0.705	0.700	0.695	0.690	0.685
96	0.715	0.710	0.705	0.700	0.695	0.690	0.685	0.680
98	0.710	0.705	0.700	0.695	0.690	0.685	0.680	0.675
100	0.705	0.700	0.695	0.690	0.685	0.680	0.675	0.670

	1	2	3	4	5	6	7	8	9
10	0.1234	0.2345	0.3456	0.4567	0.5678	0.6789	0.7890	0.8901	0.9012
20	0.2345	0.3456	0.4567	0.5678	0.6789	0.7890	0.8901	0.9012	0.0123
30	0.3456	0.4567	0.5678	0.6789	0.7890	0.8901	0.9012	0.0123	0.1234
40	0.4567	0.5678	0.6789	0.7890	0.8901	0.9012	0.0123	0.1234	0.2345
50	0.5678	0.6789	0.7890	0.8901	0.9012	0.0123	0.1234	0.2345	0.3456

LAMPIRAN G
TABEL KORELASI

Tabel Korelasi (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 H
Hasil Skrining Fitokimia

Hasil Skrining Simplisia Daun Dewa

No	Senyawa	Hasil	Pustaka ^{*)}	Kesimpulan
1	Flavonoid	Terbentuk lapisan amil alkohol berwarna kuning	Terbentuk lapisan amil alkohol berwarna kuning	Positif
2	Saponin	Terbentuk busa yang stabil	Terbentuk busa yang stabil	Positif
3	Alkaloid	Dengan pereaksi dragendorf tidak terbentuk endapan jingga dan dengan pereaksi mayer tidak terbentuk endapan putih	Dengan pereaksi dragendorf terbentuk endapan jingga dan dengan pereaksi mayer terbentuk endapan putih	Negatif
4	Tanin	Larutan berwarna hijau	Larutan berwarna hijau	Positif
5	Kuinon	Terbentuk warna coklat	Warna merah	Negatif
6	Sterol	Tidak terbentuk warna merah	Warna merah	Negatif

^{*)}Fansworth, 1966.

LAMPIRAN I
HASIL PENGAMATAN JUMLAH KEMATIAN
PADA LARVA ARTEMIA SALINA LEACH

KONTROL NEGATIF

No. Uji	Angsa		Jumlah Total	% Mortalitas
	Siang	Malam		
1	0	0	0	0
2	0	0	0	0
3	0	0	0	0

Pencarian Nilai LC₅₀ dengan menggunakan metode *Three-String-Likelihood Test*

Sampel	Konsentrasi	Angsa	Jumlah	%	LC ₅₀
	0%	0	10	0	
	10%	0	10	0	
	20%	0	10	0	



LAMPIRAN J
PERHITUNGAN LC 50

Data Information

		N of Cases
Valid		3
Rejected	Missing	0
	LOG Transform Cannot be Done	0
	Number of Responses > Number of Subjects	0
Control Group		0

Convergence Information

	Number of Iterations	Optimal Solution Found
PROBIT	17	Yes

Parameter Estimates

Parameter	Estimate	Std. Error	Z	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
PROBIT ^a a_concentration	2.170	.415	5.231	.000	1.357	2.984
Intercept	-4.174	.817	-5.112	.000	-4.991	-3.358

Parameter Estimates

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Intercept	-4.174	.817	-5.112	.000	-4.991	-3.358

a. PROBIT model: $\text{PROBIT}(p) = \text{Intercept} + BX$ (Covariates X are transformed using the base 10,000 logarithm.)

Chi-Square Tests

	Chi-Square	df ^a	Sig.
PROBIT Pearson Goodness-of-Fit Test	.585	1	.445 ^b

a. Statistics based on individual cases differ from statistics based on aggregated cases.

b. Since the significance level is greater than .150, no heterogeneity factor is used in the calculation of confidence limits.

Cell Counts and Residuals

Number	a_concentration	Number of Subjects	Observed Responses	Expected Responses	Residual	Probability
PROBIT 1	1.000	30	1	.676	.324	.023
2	2.000	30	16	16.983	-.983	.566
3	3.000	30	30	29.708	.292	.990

Confidence Limits

Probabil ity	95% Confidence Limits for a_concentration			95% Confidence Limits for log(a_concentration) ^a		
	Estimate	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound
PROBIT .010	7.104	1.509	15.101	.851	.179	1.179
.020	9.486	2.370	18.845	.977	.375	1.275
.030	11.396	3.152	21.719	1.057	.499	1.337
.040	13.083	3.902	24.190	1.117	.591	1.384
.050	14.637	4.638	26.423	1.165	.666	1.422
.060	16.105	5.370	28.503	1.207	.730	1.455
.070	17.513	6.104	30.475	1.243	.786	1.484
.080	18.877	6.842	32.371	1.276	.835	1.510
.090	20.210	7.588	34.211	1.306	.880	1.534
.100	21.520	8.343	36.011	1.333	.921	1.556
.150	27.911	12.301	44.726	1.446	1.090	1.651
.200	34.319	16.636	53.495	1.536	1.221	1.728
.250	40.977	21.413	62.780	1.613	1.331	1.798
.300	48.049	26.688	72.961	1.682	1.426	1.863
.350	55.688	32.507	84.433	1.746	1.512	1.927
.400	64.057	38.923	97.668	1.807	1.590	1.990
.450	73.349	45.996	113.269	1.865	1.663	2.054
.500	96.074	53.808	132.034	1.923	1.731	2.121
.550	103.431	62.478	155.064	1.981	1.796	2.191
.600	109.652	72.185	183.936	2.040	1.858	2.265
.650	126.130	83.205	221.020	2.101	1.920	2.344
.700	146.183	95.977	270.086	2.165	1.982	2.432
.750	171.415	111.218	337.585	2.234	2.046	2.528

.800	204.668	130.188	435.658	2.311	2.115	2.639
.850	251.655	155.356	590.498	2.401	2.191	2.771
.900	326.391	192.563	872.427	2.514	2.285	2.941
.910	347.548	202.612	959.625	2.541	2.307	2.982
.920	372.089	214.046	1064.645	2.571	2.331	3.027
.930	401.079	227.273	1193.908	2.603	2.357	3.077
.940	436.133	242.907	1357.515	2.640	2.385	3.133
.950	479.867	261.921	1572.453	2.681	2.418	3.197
.960	536.885	285.992	1869.997	2.730	2.456	3.272
.970	616.347	318.386	2315.855	2.790	2.503	3.365
.980	740.475	366.780	3080.781	2.870	2.564	3.489
.990	988.790	457.454	4840.976	2.995	2.660	3.685

a. Logarithm base = 10.

LAMPIRAN K

SURAT KETERANGAN TIKUS PUTIH GALUR WISTAR



Departemen Pendidikan Nasional
Universitas Gadjah Mada
Fakultas Kedokteran Hewan
Bagian Ilmu Penyakit Dalam

Alamat :
Rumah Sakit Hewan FKH UGM
Jl. Asti Kuningan, Yogyakarta 55281

SURAT KETERANGAN

Yang bertanda tangan dibawah ini :

Nama : drh. Slamet Raharjo, MP
Alamat : Bagian Ilmu Penyakit Dalam Fakultas Kedokteran Hewan
Universitas Gadjah Mada Yogyakarta
Jabatan : Dokter Hewan pada Rumah Sakit Hewan FKH UGM
Jabatan Lain : Dokter Hewan praktisi di Klinik hewan Calico
Jl. Raya Talem Stan Maguwoharjo

Dengan ini menerangkan bahwa :

Nama : UD. WISTAR
Nama Pemilik : Bpk. Suparno
Ternak Hewan: Tikus Putih (*Laboratory rat*)

Berdasarkan hasil identifikasi terhadap morfologi anatomi dapat kami simpulkan bahwa tikus putih (*Laboratory rat*) tersebut adalah galur **WISTAR**.

Demikian surat ini kami buat untuk dapat digunakan sebagaimana mestinya.

Yogyakarta, 1 Februari 2011

drh. Slamet Raharjo, MP

LAMPIRAN L



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

Nomor : 074 / 128 / 101.8 / 2011
Sifat : Biasa
Perihal : **Determinasi Tanaman DAUN DEWA**

Memenuhi permohonan saudara :
Nama : PETRUS EGI BANGGUK
N I M : 2443007074
Fakultas : Fakultas Farmasi
Universitas Widya Mandala Surabaya

- Perihal determinasi tanaman Daun dewa
Kingdom : Plantae (Tumbuhan)
Subkingdom : Tracheobionta (Tumbuhan berpembuluh)
Super Divisi : Spermatophyta (Menghasilkan biji)
Divisi : Magnoliophyta (Tumbuhan berbunga)
Sub Divisi : Angiospermae
Kelas : Dicotyledonae
Bangsa : Asterales
Suku : Compositae
Marga : Gynura
Jenis : *Gynura procumbens*, (Lour.), Merr.
Sinonim : *Cacalia procumbens* Lour.; *C. sarmentosa* Bl., *Gynura sarmentosa* Bl.
Sumatera : Daun dewa (Melayu), Beluntas cina. Jawa : Daun dewa (Jawa Tengah)
Kunci determinasi : 1b- 2b - 3b - 4b - 6 b - 7b - 9b - 10 b- 11b - 12 b - 13 b - 14b - 16b - 239 b - 243b - 244 b - 248 b - 249 b - 250 a - 266a - 1a - 2b - 3b-4a
- Nama Simplisia : Gynurae Folium
- Kandungan : Daun mengandung alkaloida, saponin, minyak atsiri, flavonoida (4 hidroksiflavanol, 3,4-dihidroksi flavonol, 3,4-dihidroksiflavan, asam klorogenat, asam kafeat, asam-kumarat, asam vanilat) dan tannin galat, katekat, steroid, triterpenoid,
- Penggunaan : Penelitian
- Daftar Pustaka
 - Anonim, [http://www.warintek/daun dewa](http://www.warintek/daun%20dewa), diakses tanggal 23 Oktober 2010.
 - Anonim, [http://www.ipteknet.co.id/daun dewa](http://www.ipteknet.co.id/daun%20dewa), diakses tanggal 21 Oktober 2010.
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 - Steenis, CGGJ Van Dr, *FLORA*, 2008, Pradnya Paramita, Jakarta.
 - Syamsuhidayat, Sri sugati, Hutapea, Johny Ria.1991, *Inventaris Tanaman Obat Indonesia I*, Departemen Kesehatan Republik Indonesia : Badan Penelitian Dan Pengembangan Kesehatan.

Demikian determinasi ini kami buat untuk dipergunakan sebagaimana mestinya.

Batu, 24 Agustus 2011
Kepala UPT. Materia Medica Batu

