

LAMPIRAN 1

HASIL PERHITUNGAN SIGNIFIKASI

SV	JK	Db	MK	F hitung	F tabel
Antar Kelompok	0,049	6	0,0082	2,28	2,44
Dalam Kelompok	0,101	28	0,0036		
Total	0,15	34			

Keterangan: SV = Sumber Variasi

JK = Total Jumlah Kuadrat

db = Derajat Bebas

Mk = Rata-rata Kuadrat

PERHITUNGAN ANAVA RANCANG RAMBANG LUGAS

Pada jam ke - 1

	Fo	F1	F2	F3	F4	F5	F6	
1	0,6	0,6	0,6	0,5	0,6	0,55	0,5	
2	0,6	0,7	0,6	0,55	0,55	0,6	0,55	
3	0,6	0,6	0,55	0,55	0,6	0,6	0,55	
4	0,7	0,6	0,6	0,7	0,65	0,5	0,55	
5	0,7	0,8	0,6	0,6	0,6	0,55	0,6	
N	5	5	5	5	5	5	5	35
\bar{X}	0,64	0,66	0,59	0,58	0,6	0,56	0,55	-
ΣX	3,2	3,3	2,95	2,9	3,0	2,8	2,75	20,9
ΣX^2	2,06	2,21	1,74	1,71	1,81	1,58	1,52	12,63

$$Fk = \frac{(20,9)^2}{35} = 12,48$$

$$JKT = 12,63 - 12,48 = 0,15$$

$$JKP = \left[\frac{(3,2)^2}{5} + \frac{(3,3)^2}{5} + \frac{(2,95)^2}{5} + \frac{(2,9)^2}{5} + \frac{(3,0)^2}{5} + \frac{(2,8)^2}{5} + \frac{(2,75)^2}{5} \right] - 12,48$$

$$= 0,049$$

$$JKD = 0,15 - 0,049 = 0,101$$

$$dbt = 34$$

$$dbp = 7-1 = 6$$

$$dbD = 34-6 = 28$$

$$M_{kp} = \frac{0,049}{6} = 0,0082$$

$$M_{kp} = \frac{0,101}{28} = 0,0036$$

F_{hitung} = 2,28 < F_{tab} (0,05) 2,44 Ho diterima

< (0,01) 3,53

Keterangan:

F₀ = volume telapak kaki tikus yang diberi air suling (kontrol)

F₁ = volume telapak kaki tikus setelah diberi ekstrak daun pare (1000 mg/kgBB)

F₂ = volume telapak kaki tikus setelah diberi ekstrak daun pare (1500 mg/kgBB)

F₃ = volume telapak kaki tikus setelah diberi ekstrak daun pare (2000 mg/kgBB)

F₄ = volume telapak kaki tikus setelah diberi Indometasin (5 mg/kgBB)

F₅ = volume telapak kaki tikus setelah diberi Indometasin (10 mg/kgBB)

F₆ = volume telapak kaki tikus setelah diberi Indometasin (15 mg/kgBB)

LAMPIRAN 2

HASIL UJI - t – STUDENT

Waktu Setelah Perlakuan	t Hitung					
	Ekstrak Daun Pare 1g/kgBB	Ekstrak Daun Pare 1,5g/kgBB	Ekstrak Daun Pare 2g/kgBB	Indometasin 5 mg/kgBB	Indometasin 10 mg/kgBB	Indometasin 15 mg/kgBB
t-1	0,45 TB	2,0 TB	1,35 TB	1,2 TB	2,4 *	2,86 *
t-2	2,90 *	5,66 ***	4,50 **	6,30 ***	6,09 ***	9,77 ***
t-3	6,53 ***	8,24 ***	7,05 ***	7,25 ***	9,53 ***	12,39 ***
t-4	6,70 ***	8,50 ***	7,50 ***	7,85 ***	9,15 ***	10,37 ***

Keterangan : TB = tidak bermakna

* $p < 0,05$

** $p < 0,01$

*** $p < 0,001$

1. Perhitungan uji t pada ekstrak daun pare 1000mg/kgBB

$$t_1 = \frac{0,64 - 0,66}{\sqrt{\frac{5(2,06) - (3,2)^2}{5} + \frac{5(2,21) - (3,3)^2}{5}}} \sqrt{\frac{5(5)}{5+5}}$$

$$= \frac{0,02 \times 4,47}{\sqrt{0,012 + 0,032}}$$

$$= 0,45$$

$$t_{\text{hit}} = 0,45 < t_{\text{tab}} \text{ db } (5 + 5 - 2) p_{0,05} = 2,306$$

$$t_2 = \frac{0,74 - 0,64}{\sqrt{\frac{5(2,75) - (3,7)^2}{5} + \frac{5(2,06) - (3,2)^2}{5}}} \cdot 4,47$$

$$= \frac{0,045}{\sqrt{0,012 + 0,012}}$$

$$= 2,9$$

$$t_{\text{hit}} = 2,9 < t_{\text{tab}} p_{0,05} = 2,306$$

$$t_3 = \frac{0,85 - 0,63}{\sqrt{\frac{5(3,63) - (4,25)^2}{5} + \frac{5(1,99) - (3,15)^2}{5}}} \cdot 4,47$$

$$= \frac{0,98}{\sqrt{0,0175 + 0,005}}$$

$$= 6,53$$

$$t_{\text{hit}} = 6,53 > t_{\text{tab } p0,05} = 2,306$$

$$> t_{\text{tab } p0,01} = 3,355$$

$$> t_{\text{tab } p0,01} = 5,041$$

$$t_3 = \frac{0,93 - 0,63}{\sqrt{\frac{5(4,36) - (4,65)^2}{5} + \frac{5(1,99) - (3,15)^2}{5}}} \quad 4,47$$

$$= \frac{1,34}{\sqrt{0,0355 + 5,510^{-3}}}$$

$$= 6,7$$

$$t_{\text{hit}} = 6,53 > t_{\text{tab } p0,05}$$

$$> t_{\text{tab } p0,01}$$

$$> t_{\text{tab } p0,01}$$

2. Perhitungan uji t pada ekstrak daun pare 1500 mg/kgBB

$$t_1 = \frac{0,64 - 0,66}{\sqrt{\frac{5(2,06) - (3,2)^2}{5} + \frac{5(1,74) - (2,95)^2}{5}}} \quad 4,47$$

$$= \frac{0,02}{0,011}$$

$$= 0,20$$

$$t_{\text{hit}} = 2,0 < t_{\text{tab } p0,05}$$

$$t_2 = \frac{0,74 - 0,57}{\sqrt{\frac{5(2,75) - (3,7)^2}{5} + \frac{5(2,63) - (2,85)^2}{5}}} \quad 4,47$$

$$= \frac{0,76}{\sqrt{0,012 + 5,5 \cdot 10^{-3}}}$$

$$= 5,66$$

$$t_{\text{hit}} = 5,66 > t_{\text{tab } p0,05} = 2,306$$

$$> t_{\text{tab } p0,01} = 3,355$$

$$> t_{\text{tab } p0,001} = 5,041$$

$$t_3 = \frac{0,85 - 0,57}{\sqrt{\frac{5(3,63) - (4,25)^2}{5} + \frac{5(1,63) - (3,85)^2}{5}}} \quad 4,47$$

$$= \frac{1,25}{0,15}$$

$$= 8,24$$

$$t_{\text{hit}} = 8,24 > t_{\text{tab } p0,05} = 2,306$$

$$> t_{\text{tab } p0,01} = 3,355$$

$$> t_{\text{tab } p0,01} = 5,041$$

$$t_4 = \frac{0,93 - 0,63}{\sqrt{\frac{5(4,36) - (4,65)^2}{5} + \frac{5(1,52) - (2,9)^2}{5}}} \quad 4,47$$

$$= \frac{0,27}{0,2}$$

$$= 8,5$$

$$t_{\text{hit}} = 8,5 > t_{\text{tab } p0,05}$$

$$> t_{\text{tab } p0,01}$$

$$> t_{\text{tab } p0,001}$$

3. Perhitungan uji t pada ekstrak daun pare 2000 mg/kgBB

$$t1 = \frac{0,64 - 0,58}{\sqrt{\frac{5(2,06) - (3,2)^2}{5} + \frac{5(1,71) - (2,9)^2}{5}}} \quad 4,47$$

$$= \frac{0,27}{0,2}$$

$$= 1,35$$

$$t_{\text{hit}} = 1,35 > t_{\text{tab } p0,05}$$

$$t2 = \frac{0,74 - 0,56}{\sqrt{\frac{5(2,75) - (3,7)^2}{5} + \frac{5(2,59) - (2,8)^2}{5}}} \quad 4,47$$

$$= \frac{0,81}{0,18}$$

$$= 4,5$$

$$t_{\text{hit}} = 4,5 > t_{\text{tab } p0,05}$$

$$> t_{\text{tab } p0,01}$$

$$t_3 = \frac{0,85 - 0,55}{\sqrt{\frac{5(3,63) - (4,25)^2}{5} + \frac{5(1,53) - (3,75)^2}{5}}} \quad 4,47$$

$$= \frac{1,34}{0,19}$$

$$= 7,05$$

$$t_{\text{hit}} = 7,05 > t_{\text{tab } p0,05}$$

$$> t_{\text{tab } p0,01}$$

$$> t_{\text{tab } p0,001}$$

$$t_4 = \frac{0,93 - 0,53}{\sqrt{\frac{5(4,36) - (4,65)^2}{5} + \frac{5(1,43) - (2,65)^2}{5}}} \quad 4,47$$

$$= \frac{1,8}{0,24}$$

$$= 7,5$$

$$t_{\text{hit}} = 8,5 > t_{\text{tab } p0,05}$$

$$> t_{\text{tab } p0,01}$$

$$> t_{\text{tab } p0,001}$$

4. Perhitungan uji t pada pemberian Indometasin 5 mg/kgBB

$$t1 = \frac{0,64 - 0,6}{\sqrt{\frac{5(2,06) - (3,2)^2}{5} + \frac{5(1,81) - (3,0)^2}{5}}} \quad 4,47$$

$$= \frac{0,18}{0,15}$$

$$= 1,2$$

$$t_{\text{hit}} = 1,2 > t_{\text{tab}} p0,05$$

$$t2 = \frac{0,74 - 0,6}{\sqrt{\frac{5(2,75) - (3,7)^2}{5} + \frac{5(1,8) - (3,0)^2}{5}}} \quad 4,47$$

$$= \frac{0,63}{0,1}$$

$$= 6,3$$

$$t_{\text{hit}} = 6,3 > t_{\text{tab}} p0,05$$

$$> t_{\text{tab}} p0,01$$

$$t3 = \frac{0,85 - 0,59}{\sqrt{\frac{5(3,63) - (4,25)^2}{5} + \frac{5(1,75) - (2,95)^2}{5}}} \quad 4,47$$

$$= \frac{1,16}{0,16}$$

$$= 7,25$$

$$t_{\text{hit}} = 7,25 > t_{\text{tab } p0,05}$$

$$> t_{\text{tab } p0,01}$$

$$> t_{\text{tab } p0,001}$$

$$t_4 = \frac{0,93 - 0,58}{\sqrt{\frac{5(4,36) - (4,65)^2}{5} + \frac{5(1,7) - (2,9)^2}{5}}} \quad 4,47$$

$$= \frac{1,57}{0,2}$$

$$= 7,85$$

$$t_{\text{hit}} = 7,85 > t_{\text{tab } p0,05}$$

$$> t_{\text{tab } p0,01}$$

$$> t_{\text{tab } p0,001}$$

5. Perhitungan uji t pada pemberian Indometasin 10 mg/kgBB

$$t_1 = \frac{0,64 - 0,56}{\sqrt{\frac{5(2,06) - (3,2)^2}{5} + \frac{5(1,58) - (2,8)^2}{5}}} \quad 4,47$$

$$= \frac{0,36}{0,15}$$

$$= 2,4$$

$$t_{\text{hit}} = 2,4 > t_{\text{tab } p0,05}$$

$$t_2 = \frac{0,74 - 0,55}{\sqrt{\frac{5(2,75) - (3,7)^2}{5} + \frac{5(1,52) - (2,75)^2}{5}}} \quad 4,47$$

$$= \frac{0,85}{0,14}$$

$$= 6,09$$

$$t_{\text{hit}} = 6,09 > t_{\text{tab } p0,05}$$

$$> t_{\text{tab } p0,01}$$

$$> t_{\text{tab } p0,001}$$

$$t_3 = \frac{0,85 - 0,53}{\sqrt{\frac{5(3,63) - (4,25)^2}{5} + \frac{5(1,41) - (3,65)^2}{5}}} \quad 4,47$$

$$= \frac{1,43}{0,15}$$

$$= 9,53$$

$$t_{\text{hit}} = 9,53 > t_{\text{tab } p0,05}$$

$$> t_{\text{tab } p0,01}$$

$$> t_{\text{tab } p0,001}$$

$$\begin{aligned}
 t_4 &= \frac{0,93 - 0,52}{\sqrt{\frac{5(4,36) - (4,65)^2}{5} + \frac{5(1,36) - (2,6)^2}{5}}} && 4,47 \\
 &= \frac{1,83}{0,2} \\
 &= 9,15
 \end{aligned}$$

$$\begin{aligned}
 t_{\text{hit}} &= 9,15 > t_{\text{tab } p0,05} \\
 &> t_{\text{tab } p0,01} \\
 &> t_{\text{tab } p0,001}
 \end{aligned}$$

6. Perhitungan uji t pada pemberian Indometasin 15 mg/kgBB

$$\begin{aligned}
 t_1 &= \frac{0,64 - 0,55}{\sqrt{\frac{5(2,06) - (3,2)^2}{5} + \frac{5(1,52) - (2,75)^2}{5}}} && 4,47 \\
 &= \frac{0,4}{0,14} \\
 &= 2,86
 \end{aligned}$$

$$t_{\text{hit}} = 2,86 > t_{\text{tab } p0,05}$$

$$\begin{aligned}
 t_2 &= \frac{0,74 - 0,5}{\sqrt{\frac{5(2,75) - (3,7)^2}{5} + \frac{5(1,25) - (2,5)^2}{5}}} && 4,47
 \end{aligned}$$

$$= \frac{1,07}{0,11}$$

$$= 9,77$$

$$t_{\text{hit}} = 9,77 > t_{\text{tab } p0,05}$$

$$> t_{\text{tab } p0,01}$$

$$> t_{\text{tab } p0,001}$$

$$t_3 = \frac{0,85 - 0,49}{\sqrt{\frac{5(3,63) - (4,25)^2}{5} + \frac{5(1,20) - (3,45)^2}{5}}} \quad 4,47$$

$$= \frac{1,61}{0,13}$$

$$= 12,39$$

$$t_{\text{hit}} = 12,39 > t_{\text{tab } p0,05}$$

$$> t_{\text{tab } p0,01}$$

$$> t_{\text{tab } p0,001}$$

$$t_4 = \frac{0,93 - 0,49}{\sqrt{\frac{5(4,36) - (4,65)^2}{5} + \frac{5(1,20) - (2,45)^2}{5}}} \quad 4,47$$

$$= \frac{1,97}{0,19}$$

$$= 10,37$$

$$t_{\text{hit}} = 10,37 > t_{\text{tab } p0,05}$$

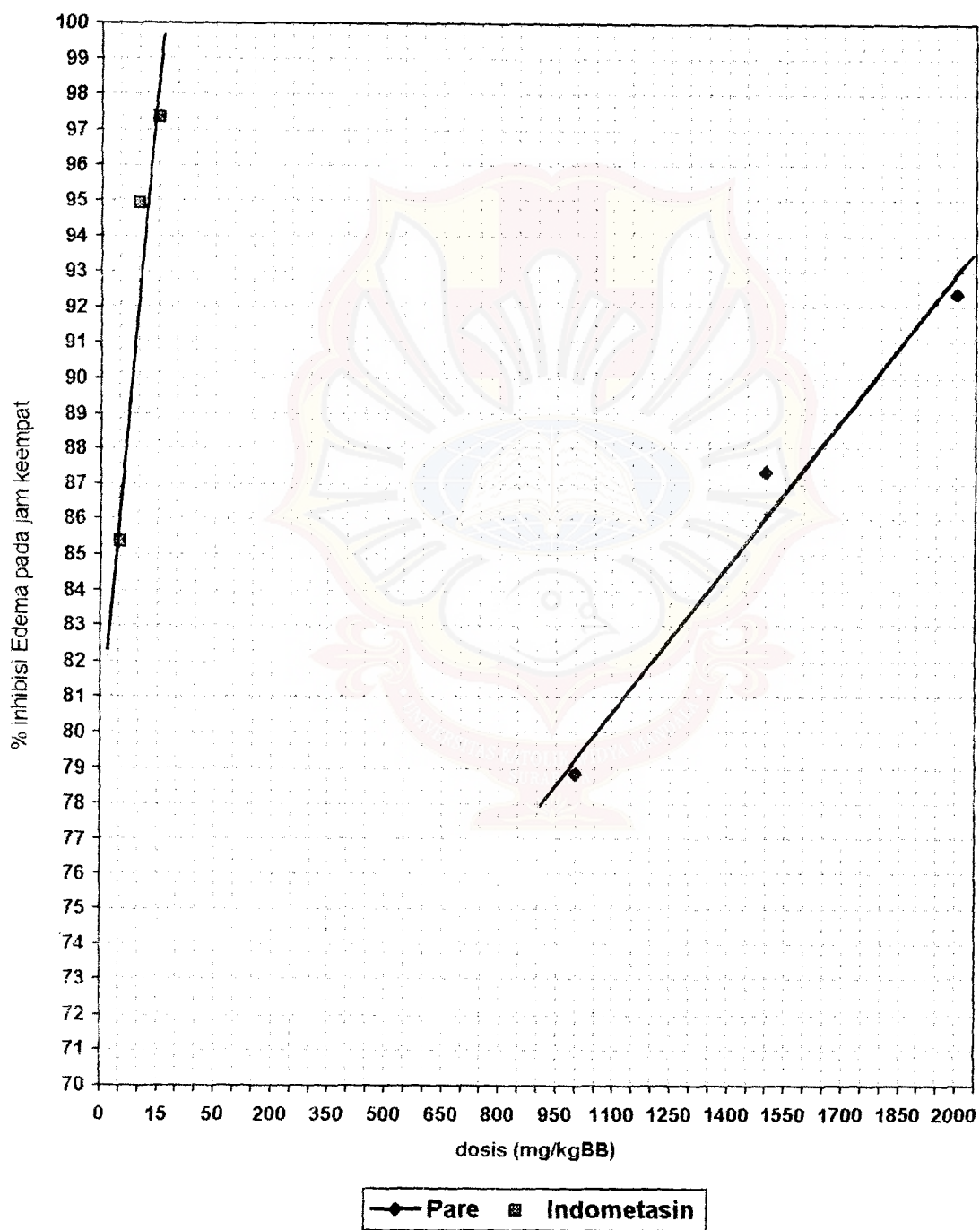
$$> t_{\text{tab } p0,01}$$

$$> t_{\text{tab } p0,001}$$



LAMPIRAN 3

Perhitungan ED 85% Inhibisi Edema pada pengukuran jam keempat.



Persamaan garis regresi linier Indometasin: $y = bx + a$

$$a = 80,55$$

$$b = 1,20$$

$$r = 0,94575$$

$$y = 1,20x + 80,55$$

$$\text{ED } 85\% \text{ Indometasin} = 3,71 \text{ mg/kgBB}$$

Persamaan garis regresi linier daun Pare: $y = bx + a$

$$a = 65,895$$

$$b = 0,01353$$

$$r = 0,9897$$

$$y = 0,01353x + 65,895$$

$$\text{ED } 85\% \text{ daun Pare} = 1412,05 \text{ mg/kgBB}$$

$$\begin{aligned} \text{Ratio potensi daun Pare} &= \frac{\text{ED } 85\% \text{ Daun Pare}}{\text{ED } 85\% \text{ Indometasin}} \\ &= \frac{1412,05 \text{ mg/kgBB}}{3,71 \text{ mg/kgBB}} = 380,6 \end{aligned}$$

Jadi ratio potensi efek anti inflamasi daun Pare $1/380,6 \times 100\% = 0,26\%$ efek anti inflamasi Indometasin.

TABLE C
Critical values of *t**

df	Level of significance for one-tailed test					
	Level of significance for two-tailed test					Level of significance for one-tailed test
	.10	.05	.025	.01	.005	.0005
	.20	.10	.05	.02	.01	.001
1	3.078	6.314	12.706	31.821	63.657	636.619
2	1.886	2.920	4.303	6.965	9.925	31.598
3	1.638	2.353	3.182	4.541	5.841	12.941
4	1.533	2.132	2.776	3.747	4.604	8.610
5	1.476	2.015	2.571	3.365	4.032	6.859
6	1.440	1.943	2.447	3.143	3.707	5.959
7	1.415	1.895	2.365	2.998	3.449	5.405
8	1.397	1.860	2.306	2.896	3.355	5.041
9	1.383	1.833	2.262	2.821	3.250	4.781
10	1.372	1.812	2.228	2.764	3.169	4.587
11	1.363	1.796	2.201	2.718	3.106	4.437
12	1.356	1.782	2.179	2.681	3.055	4.318
13	1.350	1.771	2.160	2.650	3.012	4.221
14	1.345	1.761	2.145	2.624	2.977	4.140
15	1.341	1.753	2.131	2.602	2.947	4.073
16	1.337	1.746	2.120	2.583	2.921	4.015
17	1.333	1.740	2.110	2.567	2.898	3.965
18	1.330	1.734	2.101	2.552	2.878	3.922
19	1.328	1.729	2.093	2.539	2.861	3.883
20	1.325	1.725	2.086	2.528	2.845	3.850
21	1.323	1.721	2.080	2.518	2.831	3.819
22	1.321	1.717	2.074	2.508	2.819	3.792
23	1.319	1.714	2.069	2.500	2.807	3.767
24	1.318	1.711	2.064	2.492	2.797	3.745
25	1.316	1.708	2.060	2.485	2.787	3.725
26	1.315	1.706	2.056	2.479	2.779	3.707
27	1.314	1.703	2.052	2.473	2.771	3.690
28	1.313	1.701	2.048	2.467	2.763	3.674
29	1.311	1.699	2.045	2.462	2.756	3.659
30	1.310	1.697	2.042	2.457	2.750	3.646
40	1.303	1.684	2.021	2.423	2.704	3.551
60	1.296	1.671	2.000	2.390	2.660	3.460
120	1.289	1.658	1.980	2.358	2.617	3.373
∞	1.282	1.645	1.960	2.326	2.576	3.291

*Table C is taken from Table III of R. A. Fisher and F. Yates, "Statistical Tables for Biological, Agricultural and Medical Research," 6th ed. Oliver and Boyd, Edinburgh, 1963. Reproduced by permission of the authors and publishers.

TABEL F

Critical values of F ($\alpha = .05$ in lightface type, $\alpha = .01$ in boldface)*

n2	n1 degree of freedom (for numerator mean square)																							
	1	2	3	4	5	6	7	8	9	10	11	12	14	16	20	24	30	40	50	75	100	200	500	∞
15	4.54 8.68	3.68 6.36	3.29 5.42	3.06 4.89	2.90 4.56	2.79 4.32	2.70 4.14	2.64 4.00	2.59 3.89	2.55 3.80	2.51 3.73	2.48 3.67	3.43 3.56	2.39 3.48	2.33 3.36	2.29 3.29	2.25 3.20	2.21 3.12	2.18 3.07	2.15 3.00	2.12 2.97	2.10 2.92	2.08 2.89	2.07 2.87
16	4.49 8.53	3.63 6.23	3.24 5.29	3.01 4.77	2.85 4.44	2.74 4.20	2.66 4.03	2.59 3.89	2.54 3.78	2.49 3.69	2.45 3.61	2.42 3.55	2.37 3.45	2.33 3.37	2.28 3.25	2.24 3.18	2.20 3.10	2.16 3.01	2.13 2.96	2.09 2.89	2.07 2.86	2.04 2.80	2.02 2.77	2.01 2.75
17	4.45 8.40	3.59 6.11	3.20 5.18	2.96 4.67	2.81 4.34	2.70 4.10	2.62 3.93	2.55 3.79	2.50 3.68	2.45 3.59	2.41 3.52	2.38 3.45	2.33 3.35	2.29 3.27	2.23 3.16	2.19 3.08	2.15 3.00	2.11 2.92	2.08 2.86	2.04 2.79	2.02 2.76	1.99 2.70	1.97 2.67	1.96 2.65
18	4.41 8.28	3.55 6.01	3.16 5.09	2.93 4.58	2.77 4.25	2.66 4.01	2.58 3.85	2.51 3.71	2.46 3.60	2.41 3.51	2.37 3.44	2.34 3.37	2.29 3.27	2.25 3.19	2.19 3.07	2.15 3.00	2.11 2.91	2.07 2.83	2.04 2.78	2.00 2.71	1.98 2.68	1.95 2.62	1.93 2.59	1.92 2.57
19	4.38 8.18	3.52 5.93	3.13 5.01	2.90 4.50	2.74 4.17	2.63 3.94	2.55 3.77	2.48 3.63	2.43 3.52	2.38 3.43	2.34 3.36	2.31 3.30	2.26 3.19	2.21 3.12	2.15 3.00	2.11 2.92	2.07 2.84	2.02 2.76	2.00 2.70	1.96 2.63	1.94 2.60	1.91 2.54	1.90 2.51	1.88 2.49
20	4.35 8.10	3.49 5.85	3.10 4.94	2.87 4.43	2.71 4.10	2.60 3.87	2.52 3.71	2.45 3.56	2.40 3.45	2.35 3.37	2.31 3.30	2.28 3.23	2.23 3.13	2.18 3.05	2.12 2.94	2.08 2.86	2.04 2.77	1.99 2.69	1.96 2.63	1.92 2.56	1.90 2.53	1.87 2.47	1.85 2.44	1.84 2.42
21	4.32 8.02	3.47 5.78	3.07 4.87	2.84 4.37	2.68 4.04	2.57 3.81	2.49 3.65	2.42 3.51	2.37 3.40	2.32 3.31	2.28 3.24	2.25 3.17	2.20 3.07	2.15 2.99	2.09 2.88	2.05 2.80	2.00 2.72	1.96 2.63	1.93 2.58	1.89 2.51	1.87 2.47	1.84 2.42	1.82 2.38	1.81 2.36
22	4.30 7.94	3.44 5.72	3.05 4.82	2.82 4.31	2.66 3.99	2.55 3.76	2.47 3.59	2.40 3.45	2.35 3.35	2.30 3.26	2.26 3.18	2.23 3.12	2.18 3.02	2.13 2.94	2.07 2.83	2.03 2.75	1.98 2.67	1.93 2.58	1.91 2.53	1.87 2.46	1.84 2.42	1.81 2.37	1.80 2.33	1.78 2.31
23	4.28 7.88	3.42 5.66	3.03 4.76	2.80 4.26	2.64 3.94	2.53 3.71	2.45 3.54	2.38 3.41	2.32 3.30	2.28 3.21	2.24 3.14	2.20 3.07	2.14 2.97	2.10 2.89	2.04 2.78	2.00 2.70	1.96 2.62	1.91 2.53	1.88 2.48	1.84 2.41	1.82 2.37	1.79 2.32	1.77 2.28	1.76 2.26
24	4.26 7.82	3.40 5.61	3.01 4.72	2.78 4.22	2.62 3.90	2.51 3.67	2.43 3.50	2.36 3.36	2.30 3.25	2.26 3.17	2.22 3.09	2.18 3.03	2.13 2.93	2.09 2.85	2.02 2.74	1.98 2.66	1.94 2.58	1.89 2.49	1.86 2.44	1.82 2.36	1.80 2.33	1.76 2.27	1.74 2.23	1.73 2.21
25	4.24 7.77	3.38 5.57	2.99 4.68	2.76 4.18	2.60 3.86	2.49 3.63	2.41 3.46	2.34 3.32	2.28 3.21	2.24 3.13	2.20 3.05	2.16 2.99	2.11 2.89	2.06 2.81	2.00 2.70	1.96 2.62	1.92 2.54	1.87 2.45	1.84 2.40	1.80 2.32	1.77 2.29	1.74 2.23	1.72 2.19	1.71 2.17
26	4.22 7.72	3.37 5.53	2.98 4.64	2.74 4.14	2.59 3.82	2.47 3.59	2.39 3.42	2.32 3.29	2.27 3.17	2.22 3.09	2.18 3.02	2.15 2.96	2.10 2.86	2.05 2.77	1.99 2.66	1.95 2.58	1.90 2.50	1.85 2.41	1.82 2.36	1.78 2.28	1.76 2.25	1.72 2.19	1.70 2.15	1.69 2.13
27	4.21 7.68	3.35 5.49	2.96 4.60	2.73 4.11	2.57 3.79	2.46 3.56	2.37 3.39	2.30 3.26	2.25 3.14	2.20 3.06	2.16 2.98	2.13 2.93	2.08 2.83	2.03 2.74	1.97 2.63	1.93 2.55	1.88 2.47	1.84 2.38	1.80 2.33	1.76 2.25	1.74 2.21	1.71 2.16	1.68 2.12	1.67 2.10
28	4.20 7.64	3.34 5.45	2.95 4.57	2.71 4.07	2.56 3.76	2.44 3.53	2.36 3.36	2.29 3.23	2.24 3.11	2.19 3.03	2.15 2.95	2.12 2.90	2.06 2.80	2.02 2.71	1.96 2.60	1.91 2.52	1.87 2.44	1.81 2.35	1.78 2.30	1.75 2.22	1.72 2.18	1.69 2.13	1.67 2.09	1.65 2.06



PEMERINTAH PROPINSI DAERAH TK. I JAWA TIMUR
DINAS KESEHATAN DAERAH BALAI MATERIA MEDICA

Jalan Lahor 87 Telp. 593396 Batu (65313)

KOTATIF - BATU

Nomor : 703/976/115.21/1997
Sifat : Biasa
Lampiran :
Perihal : Determinasi tanaman.

Memenuhi permohonan dari saudara mengenai informasi data determinasi tanaman Pare, maka bersama ini kami sampaikan data tersebut untuk Mahasiswa Fakultas Farmasi Universitas Katolik Widya Mandala Surabaya sebagai berikut:

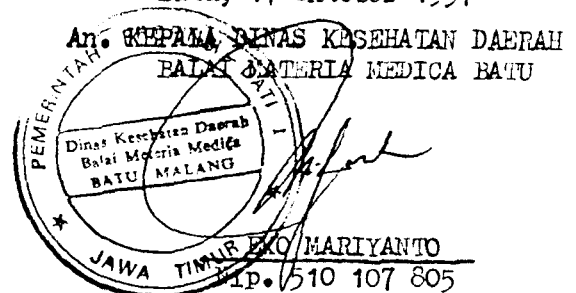
Nama : Linda
Nomor Pokok : 2443093004

P A R E

Divisi : Spermatophyta
Sub divisi : Angiospermae
Klass : Dicotyledonae
Bangsa : Cucurbitales
Suku : Cucurbitaceae
Marga : Momordica
Jenis : Momordica charantia L.

Demikian determinasi ini kami sampaikan dan atas kerjasamanya tak lupa kami sampaikan terima kasih.

Batu, 17 Oktober 1997



kunze indopharm



ASNO 1982

180

P.T. Bernofarm
Jl. Raya Darmo 143
Surabaya 60241
Indonesia

Kunze Indopharm bv
Pharmaceutical and
Veterinary Products

Nyelentstraat 7
2587 TH Den Haag
Holland
P.O. Box 80848
2508 JH Den Haag
Telephone 070-3247602
Telex 33578 Kinds NL
Fax 070-3240318
Bankers: Postbank 3105220
; ABN 51.86.50.594

Chamber of Commerce
Den Haag no. 132684

BIWIVAINO.

Date 22.5.1995

Our ref.

Your ref.

PRODUCT
PRODUIT

INDOMETHACIN
INDOMETHACINE

Ph.Eur.

LOT IA94G15001
MAN 02/94
EXP 02/99

Description		White to yellow crystalline powder Poudre cristalline blanc ou jaune	cf.
Identification	Melting point I.R.	158 - 162°C cf	160.3°C cf
Solubility Solubilité		cf	cf
Related substances Substances apparentées		less than limit moins que la limite	cf
Heavy metals Metaux lourds		max. 20 ppm	cf
Loss on drying Perte a la dessication		max. 0.5 %	0.02 %
Sulfated ash Cé. res sulphuriques		max. 0.5 %	0.02 %
Assay Dosage		98.5 - 100.5 %	100.3%

KUNZE INDOPHARM B.V.

Surat Keterangan

Skripsi Mahasiswa

Nama : Rinda

NRP : 244 309 3004

Judul : Studi Pendahuluan Efek anti
Inflamasi Ekstrak Daun Paku
(*Homodica charantia* L.)
Terhadap Edema Kaki Tikus
Putih yang diinduksi Oleh
Suspensi Karagen.

Sudah selesai !

Surabaya, 12 April 1999
PDI


Dra Sri Susetyati H.