

LAMPIRAN A
PERHITUNGAN PEMBUATAN LARUTAN SEDIAAN UJI DAN
VOLUME PENYUNTIKANNYA

Volume penyuntikan : 0,5 ml/ 20 g bb mencit

1. 1 mg/kg bb

$$\text{Untuk mencit } 20 \text{ g} = \frac{20 \text{ g} \times 1 \text{ mg}}{1000 \text{ g}} = 0,02 \text{ mg/20 g bb}$$

$$\text{Konsentrasi larutan} = 0,02 \text{ mg/0,5 ml} = 0,04 \text{ mg/ml}$$

2. 2,5 mg/kg bb

$$\text{Untuk mencit } 20 \text{ g} = \frac{20 \text{ g} \times 2,5 \text{ mg}}{1000 \text{ g}} = 0,05 \text{ mg/20 g bb}$$

$$\text{Konsentrasi larutan} = 0,05 \text{ mg/0,5 ml} = 0,1 \text{ mg/ml}$$

3. 5 mg/kg bb

$$\text{Untuk mencit } 20 \text{ g} = \frac{20 \text{ g} \times 5 \text{ mg}}{1000 \text{ g}} = 0,1 \text{ mg/20 g bb}$$

$$\text{Konsentrasi larutan} = 0,1 \text{ mg/0,5 ml} = 0,2 \text{ mg/ml}$$

4. 10 mg/kg bb

$$\text{Untuk mencit } 20 \text{ g} = \frac{20 \text{ g} \times 10 \text{ mg}}{1000 \text{ g}} = 0,2 \text{ mg/20 g bb}$$

$$\text{Konsentrasi larutan} = 0,2 \text{ mg/0,5 ml} = 0,4 \text{ mg/ml}$$

LAMPIRAN B
CONTOH PERHITUNGAN % HAMBATAN NYERI SENYAWA UJI

Rumus :

$$\% \text{ hambatan nyeri} = \frac{fk - fr}{fk} \times 100 \%$$

fr = frekuensi geliat pada kelompok uji atau kelompok pembanding

fk = frekuensi rata-rata geliat pada kelompok kontrol

Perhitungan :

Senyawa Uji *N*-benzoil-*N'*-feniltiourea

Dosis 1 mg/kg BB:

% hambatan nyeri :

$$\text{Mencit 1} = \frac{147 - 85}{147} \times 100 \% = 42,18 \%$$

$$\text{Mencit 2} = \frac{147 - 86}{147} \times 100 \% = 41,50 \%$$

$$\text{Mencit 3} = \frac{147 - 89}{147} \times 100 \% = 39,46 \%$$

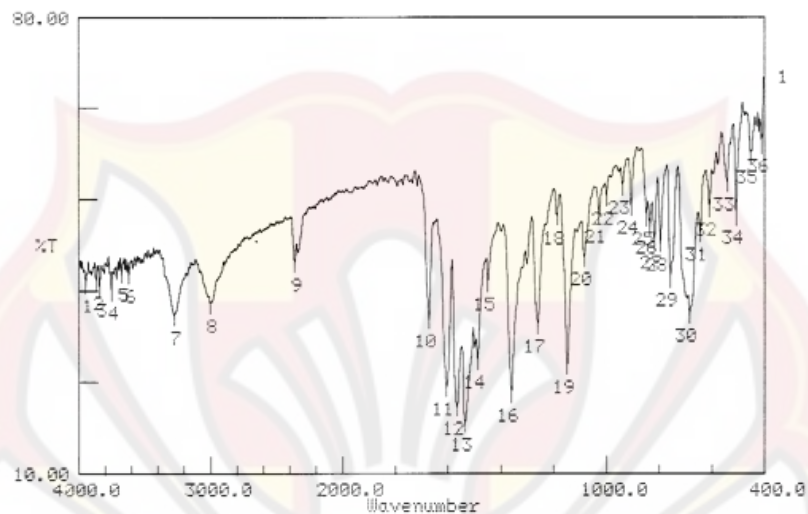
$$\text{Mencit 4} = \frac{147 - 88}{147} \times 100 \% = 40,41 \%$$

$$\text{Mencit 5} = \frac{147 - 93}{147} \times 100 \% = 36,73 \%$$

Rata-rata % hambatan nyeri *N*-benzoil-*N'*-feniltiourea dosis 1 mg/kg BB = $\pm 40,00 \%$

LAMPIRAN C
SPEKTRA INFRA MERAH *N*-BENZOIL-*N'*-FENILTIOUREA DAN
TIGA TURUNANNYA PADA PENELITIAN TERDAHULU

Spektrum infra merah *N*-fenil-*N'*-benzoiltiourea (Wijaya, 2006)

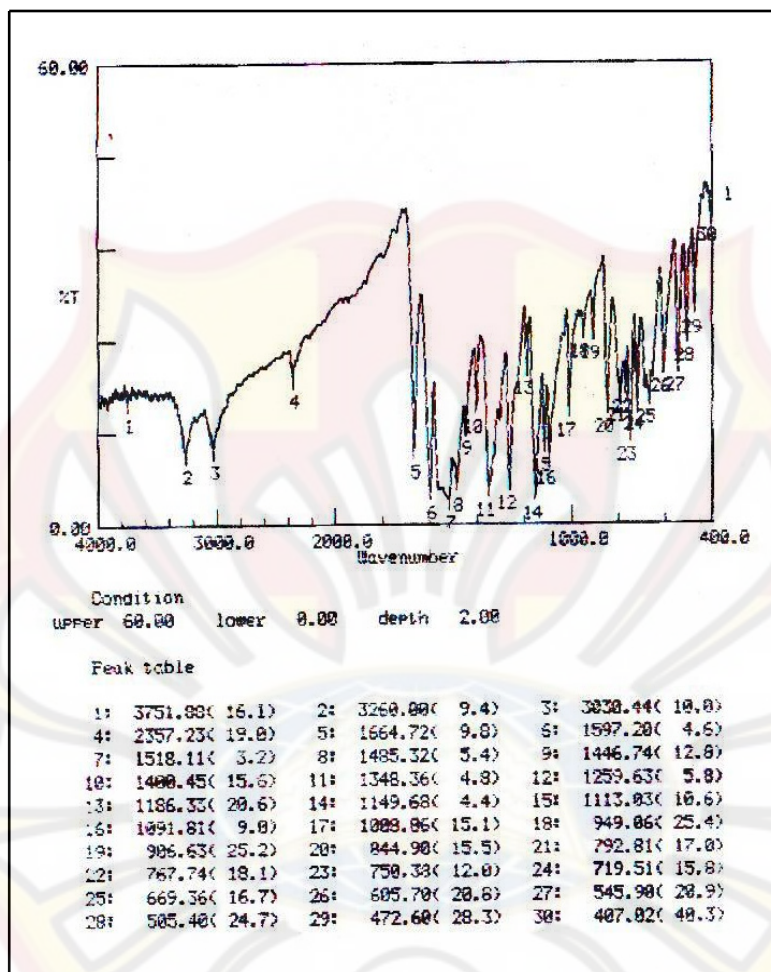


Condition
upper 80.00 lower 10.00 depth 2.00

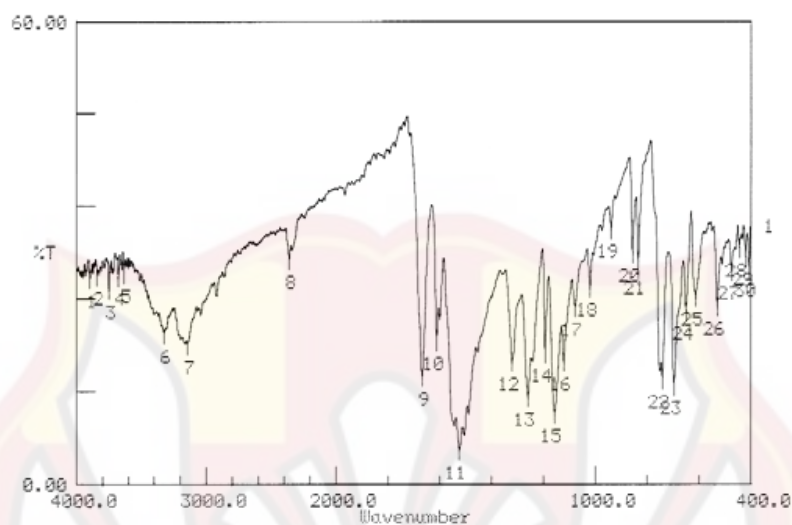
Peak table

1: 3944.78(39.2)	2: 3863.77(39.6)	3: 3838.69(38.6)
4: 3749.96(38.1)	5: 3672.80(41.0)	6: 3618.78(40.7)
7: 3277.35(34.3)	8: 3005.37(36.1)	9: 2363.01(42.4)
10: 1672.43(33.8)	11: 1604.92(23.4)	12: 1566.34(20.4)
13: 1535.48(18.0)	14: 1487.25(27.5)	15: 1448.67(39.5)
16: 1359.94(22.4)	17: 1259.63(33.0)	18: 1186.33(49.5)
19: 1147.75(26.7)	20: 1082.16(43.3)	21: 1028.15(49.8)
22: 999.22(52.5)	23: 937.49(54.2)	24: 904.70(51.1)
25: 846.83(49.5)	26: 833.32(48.1)	27: 815.96(45.8)
28: 794.74(45.4)	29: 756.16(40.0)	30: 682.86(34.6)

Spektrum infra merah N-(p-klorobenzoil)-N'-feniltiourea (Nobsina,
2006)



Spektrum infra merah *N*-(p-metilbenzoi)-*N'*-feniltiourea (Wijaya, 2006)

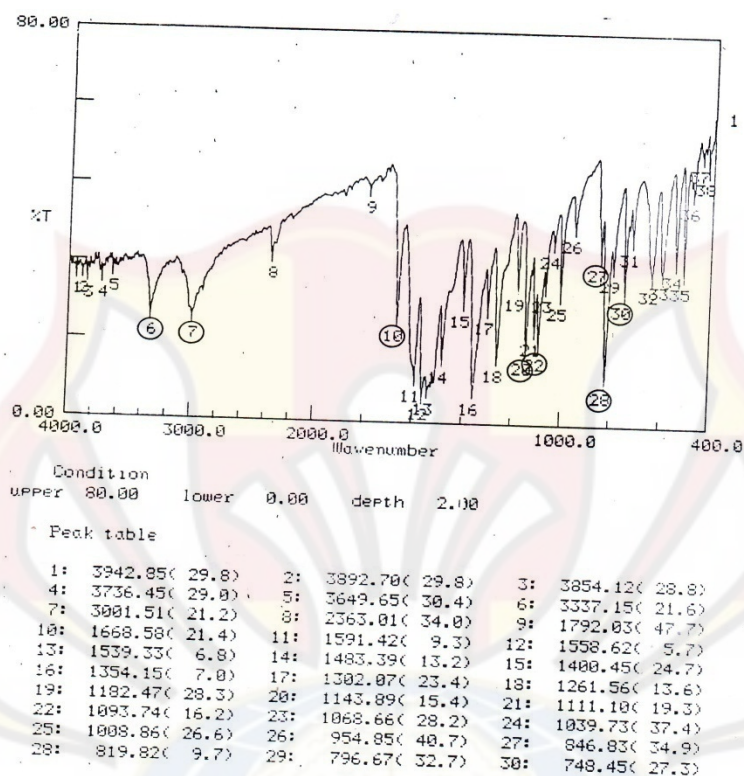


Condition
upper 60.00 lower 0.00 depth 2.00

Peak table

1: 3894.63(26.7)	2: 3840.62(27.0)	3: 3740.03(25.3)
4: 3676.65(27.0)	5: 3630.36(27.3)	6: 3325.58(19.5)
7: 3144.25(18.1)	8: 2361.08(29.2)	9: 1666.65(14.0)
10: 1610.71(18.6)	11: 1523.90(4.4)	12: 1319.43(15.9)
13: 1259.63(11.3)	14: 1192.12(17.0)	15: 1157.39(9.2)
16: 1120.74(15.9)	17: 1078.31(23.0)	18: 1018.51(25.5)
19: 937.49(33.1)	20: 854.54(30.0)	21: 833.32(28.3)
22: 740.73(13.6)	23: 694.44(12.8)	24: 648.14(22.5)
25: 611.49(24.3)	26: 526.61(23.1)	27: 472.60(27.7)
28: 443.67(30.6)	29: 418.59(29.4)	30: 407.02(20.1)

**Spektrum infra merah *N*-(p-klorobenzoil)-*N'*-(p-tolil)tiourea
(Setiawati, 2006)**



Gambar 4.11. Spektrum inframerah senyawa 3.

LAMPIRAN D
PERHITUNGAN NILAI KONVERSI NATRIUM DIKLOFENAK
PADA MENCIT

Dosis lazim natrium diklofenak = 50 mg (Tan & Rahardja, 2007).

Faktor konversi pada mencit = 0,0026 (Laurence & Barcarach, 1964)

Berat rata rata mencit dewasa = 20 g (Laurence & Barcarach, 1964)

Konversi dosis natrium diklofenak pada mencit =

$$50 \times 0,0026 = 0,13 \text{ mg/20 gBB}$$

Dosis diklofenak per kgBB mencit = $0,13/20 \times 1000 = 6,5 \text{ mg/kgBB}$

LAMPIRAN E
PERSAMAAN REGRESI LINIER PADA SIFAT FISIKA KIMIA
SUBSTITUEN SENYAWA UJI

E.1. Nilai Lipofilik
- log ED₅₀ versus π

ANOVA^a

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	.047	1	.047	3.234	.214 ^a
	Residual	.029	2	.014		
	Total	.076	3			

a. Predictors: (Constant), phi

b. Dependent Variable: logED50

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.786 ^a	.618	.427	.12034

a. Predictors: (Constant), phi

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	-.472	.104		-4.550	.045
	phi	.239	.133	.786	1.798	.214

a. Dependent Variable: logED50

Berdasarkan tabel di atas, diperoleh nilai:

R = 0,786 F = 3,234

Persamaan regresi dari nilai lipofilik (- log ED₅₀ versus π) adalah:

$$y = 0,239 \pi - 0,472 \quad (1)$$

E.2. Nilai Lipofilik
- log ED₅₀ versus π , π^2

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.936 ^a	.876	.629	.09680

a. Predictors: (Constant), phi2, phi

ANOVA^a

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	.066	2	.033	3.545	.352 ^a
	Residual	.009	1	.009		
	Total	.076	3			

a. Predictors: (Constant), phi2, phi

b. Dependent Variable: log.ed50

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	-.542	.096		-5.618	.112
	phi	.683	.325	2.243	2.102	.283
	phi2	-.350	.242	-1.543	-1.446	.385

a. Dependent Variable: log.ed50

Berdasarkan tabel di atas, diperoleh nilai:

R = 0,936

F = 3,545

Persamaan regresi dari nilai lipofilik (- log ED₅₀ versus π , π^2) adalah:

$$y = 0,683 \pi - 0,350 \pi^2 - 0,542 \quad (2)$$

E.3. Nilai Lipofilik dan Elektronik
- log ED₅₀ versus π, σ_p

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.861 ^a	.741	.224	.14000

a. Predictors: (Constant), σ_p , π

ANOVA

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	.056	2	.028	1.434	.509 ^a
	Residual	.020	1	.020		
	Total	.076	3			

a. Predictors: (Constant), σ_p , π

b. Dependent Variable: LogEd50

Coefficients

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	-.480	.121		-3.959	.158
	π	.269	.160	.882	1.673	.343
	σ_p	-.351	.507	-.364	-.691	.615

a. Dependent Variable: LogEd50

Berdasarkan tabel di atas, diperoleh nilai:

R = 0,861

F = 1,434

Persamaan regresi dari nilai lipofilik dan elektronik

(- log ED₅₀ versus π, σ_p) adalah:

$$y = 0,269 \pi - 0,351 \sigma_p - 0,480 \quad (3)$$

**E.4. Nilai Elektronik dan Sterik
- log ED₅₀ versus σ_p , Es**

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.984 ^a	.968	.904	.04927

a. Predictors: (Constant), Es, sigmap

ANOVA^b

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	.073	2	.037	15.115	.179 ^a
	Residual	.002	1	.002		
	Total	.076	3			

a. Predictors: (Constant), Es, sigmap

b. Dependent Variable: LogEd50

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	-.192	.034		-5.641	.112
	sigmap	-.040	.173	-.042	-.233	.855
	Es	-.286	.052	-.979	-5.448	.116

a. Dependent Variable: LogEd50

**Berdasarkan tabel di atas, diperoleh nilai:
R = 0,984 F = 15,115**

Persamaan regresi dari nilai elektronik dan sterik

(- log ED₅₀ versus σ_p , Es) adalah:

$$y = -0,040 \sigma_p - 0,286 Es - 0,192 \quad (4)$$

E.5. Nilai Elektronik dan Sterik

-log ED₅₀ versus σ^2 , Es²

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.987 ^a	.975	.925	.04358

a. Predictors: (Constant), Es2, sigma.p.2

ANOVA

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	.074	2	.037	19.458	.158 ^a
	Residual	.002	1	.002		
	Total	.076	3			

a. Predictors: (Constant), Es2, sigma.p.2

b. Dependent Variable: log.ed50

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	-.192	.046		-4.150	.151
	sigma.p.2	-1.446	1.327	-.214	-1.090	.473
	Es2	-.234	.042	-1.099	-5.590	.113

a. Dependent Variable: log.ed50

Berdasarkan tabel di atas, diperoleh nilai:

R = 0,987

F = 19,458

Persamaan regresi dari nilai elektronik dan sterik

(-log ED₅₀ versus σ^2 , Es²) adalah:

$$y = -1,446 \sigma^2 - 0,234 Es - 0,192 \quad (5)$$

E.6. Nilai Sterik
- log ED₅₀ versus Es

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.983 ^a	.966	.949	.03577

a. Predictors: (Constant), Es

ANOVA

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	.073	1	.073	57.256	.017 ^a
	Residual	.003	2	.001		
	Total	.076	3			

a. Predictors: (Constant), Es

b. Dependent Variable: LogEd50

Coefficients

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	-.192	.025		-7.830	.016
	Es	-.287	.038	-.983	-7.567	.017

a. Dependent Variable: LogEd50

Berdasarkan tabel di atas, diperoleh nilai:

R = 0,983

F = 57,256

Persamaan regresi dari nilai sterik (- log ED₅₀ versus Es) adalah:

$$y = - 0,287 \text{ Es} - 0,192 \quad (6)$$

E.7. Nilai Sterik
- log ED₅₀ versus Es²

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.972 ^a	.945	.918	.04558

a. Predictors: (Constant), Es2

ANOVA

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	.072	1	.072	34.484	.028 ^a
	Residual	.004	2	.002		
	Total	.076	3			

a. Predictors: (Constant), Es2

b. Dependent Variable: log.ed50

Coefficients

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	-.233	.027		-8.582	.013
	Es2	-.207	.035	-.972	-5.872	.028

a. Dependent Variable: log.ed50

Berdasarkan tabel di atas, diperoleh nilai:

R = 0,972

F = 34,484

Persamaan regresi dari nilai sterik (- log ED₅₀ versus Es²) adalah:

$$y = - 0,207 \text{ Es} - 0,233 \quad (7)$$

E.8. Nilai Sterik
-log ED₅₀ versus Es, Es²

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.984 ^a	.968	.903	.04950

a. Predictors: (Constant), Es2, Es

ANOVA

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	.073	2	.037	14.969	.180 ^a
	Residual	.002	1	.002		
	Total	.076	3			

a. Predictors: (Constant), Es2, Es

b. Dependent Variable: log.ed50

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	-.200	.049		-4.041	.154
	Es	-.230	.275	-.788	-.834	.557
	Es2	-.042	.201	-.199	-.210	.868

a. Dependent Variable: log.ed50

Berdasarkan tabel di atas, diperoleh nilai:
R = 0,984 F = 14,969

Persamaan regresi dari nilai sterik (-log ED₅₀ versus Es, Es²) adalah:

$$y = -0,230 \text{ Es} - 0,42 \text{ Es} - 0,2 \quad (8)$$

LAMPIRAN F
UJI ANOVA DAN HSD 5 % TERHADAP FREKUENSI GELIAT
MENCIT

Descriptives

Geliat	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
Kontrol	5	147.0000	7.17635	3.20936	138.0894	155.9106	140.00	156.00
p5	5	46.2000	4.60435	2.05913	40.4829	51.9171	41.00	52.00
p10	5	31.8000	5.31037	2.37487	25.2063	38.3937	24.00	38.00
induk1	5	105.8000	1.92354	.86023	103.4116	108.1884	103.00	108.00
induk2,5	5	88.2000	2.58844	1.15758	84.9860	91.4140	85.00	92.00
induk5	5	55.8000	2.38747	1.06771	52.8356	58.7644	53.00	59.00
induk10	5	51.2000	3.34664	1.49666	47.0446	55.3554	47.00	55.00
cl1	5	88.2000	3.11448	1.39284	84.3329	92.0671	85.00	93.00
cl2,5	5	59.4000	2.30217	1.02956	56.5415	62.2585	57.00	63.00
cl5	5	37.2000	2.28035	1.01980	34.3686	40.0314	35.00	40.00
cl10	5	28.6000	1.14018	.50990	27.1843	30.0157	27.00	30.00
ch3.1	5	95.2000	1.92354	.86023	92.8116	97.5884	93.00	98.00
ch3.2,5	5	64.8000	1.92354	.86023	62.4116	67.1884	62.00	67.00
ch3.5	5	44.0000	1.87083	.83666	41.6771	46.3229	41.00	46.00
ch3.10	5	31.0000	1.58114	.70711	29.0368	32.9632	29.00	33.00
cl.ch3.1	5	85.2000	1.48324	.66332	83.3583	87.0417	83.00	87.00
cl.ch3.2,5	5	68.8000	1.92354	.86023	66.4116	71.1884	66.00	71.00
cl.ch3.5	5	40.2000	1.92354	.86023	37.8116	42.5884	38.00	43.00
cl.ch3.10	5	31.6000	4.03733	1.80555	26.5870	36.6130	25.00	36.00
Total	95	63.1684	31.00674	3.18122	56.8520	69.4848	24.00	156.00

ANOVA

Geliat	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	89617.305	18	4978.739	500.508	.000
Within Groups	756.000	76	9.947		
Total	90373.305	94			

Post Hoc Tests

Multiple Comparisons

Dependent Variable: FG (Frekuensi Geliat)
Tukey HSD

(I) Sywuji	(J) Sywuji	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Upper Bound	Lower Bound
kontrol	p5	100.80000(*)	1.99473	.000	93.5342	108.0658
	p10	115.20000(*)	1.99473	.000	107.9342	122.4658
	induk1	41.20000(*)	1.99473	.000	33.9342	48.4658
	induk2.5	58.80000(*)	1.99473	.000	51.5342	66.0658
	induk5	91.20000(*)	1.99473	.000	83.9342	98.4658
	induk10	95.80000(*)	1.99473	.000	88.5342	103.0658
	cl1	58.80000(*)	1.99473	.000	51.5342	66.0658
	cl2.5	87.60000(*)	1.99473	.000	80.3342	94.8658
	cl5	109.80000(*)	1.99473	.000	102.5342	117.0658
	cl10	118.40000(*)	1.99473	.000	111.1342	125.6658
	ch31	51.80000(*)	1.99473	.000	44.5342	59.0658
	ch32.5	82.20000(*)	1.99473	.000	74.9342	89.4658
	ch35	103.00000(*)	1.99473	.000	95.7342	110.2658
	ch310	116.00000(*)	1.99473	.000	108.7342	123.2658
	clch31	61.80000(*)	1.99473	.000	54.5342	69.0658
	clch32.5	78.20000(*)	1.99473	.000	70.9342	85.4658
	clch35	106.80000(*)	1.99473	.000	99.5342	114.0658
	clch310	115.40000(*)	1.99473	.000	108.1342	122.6658

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

LAMPIRAN G

UJI ANOVA DAN HSD 5 % TERHADAP % HAMBAT NYERI SENYAWA UJI DAN PEMBANDING NATRIUM DIKLOFENAK

Descriptives

HN

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
1.00	5	68.5740	3.13096	1.40021	64.6864	72.4616	64.63	72.11
2.00	5	78.3660	3.61105	1.61491	73.8823	82.8497	74.15	83.67
3.00	5	28.0260	1.30801	.58496	26.4019	29.6501	26.53	29.93
4.00	5	40.0020	1.76381	.78880	37.8119	42.1921	37.41	42.18
5.00	5	62.0400	1.62830	.72820	60.0182	64.0618	59.86	63.95
6.00	5	65.1740	2.27572	1.01773	62.3483	67.9997	62.59	68.03
7.00	5	40.0020	2.12170	.94885	37.3676	42.6364	36.73	42.18
8.00	5	59.5880	1.56548	.70010	57.6442	61.5318	57.14	61.22
9.00	5	74.6940	1.55064	.69347	72.7686	76.6194	72.79	76.19
10.00	5	80.5460	.77358	.34596	79.5855	81.5065	79.59	81.63
11.00	5	35.2340	1.30801	.58496	33.6099	36.8581	33.33	36.73
12.00	5	55.9160	1.30801	.58496	54.2919	57.5401	54.42	57.82
13.00	5	70.0700	1.27216	.56893	68.4904	71.6496	68.71	72.11
14.00	5	78.9100	1.07517	.48083	77.5750	80.2450	77.55	80.27
15.00	5	42.0440	1.00860	.45106	40.7917	43.2963	40.82	43.54
16.00	5	53.1960	1.30801	.58496	51.5719	54.8201	51.70	55.10
17.00	5	72.6540	1.30801	.58496	71.0299	74.2781	70.75	74.15
18.00	5	78.5020	2.74538	1.22777	75.0932	81.9108	75.51	82.99
Total	90	60.1966	16.61281	1.75114	56.7171	63.6760	26.53	83.67

Oneway

ANOVA

HN

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	24308.225	17	1429.896	404.546	.000
Within Groups	254.489	72	3.535		
Total	24562.714	89			

Multiple Comparisons

Dependent Variable: HN (% Hambat Nyeri)

Tukey HSD

(I) FOR MUL A	(J) FORMULA	Mean Difference (I- J)	Std. Error	Sig.	95% Confidence Interval	
		Lower Bound	Upper Bound	Lower Bound	Upper Bound	Lower Bound
p5	p10	-9.79200(*)	1.18904	.000	-14.0944	-5.4896
	ind.1	40.54800(*)	1.18904	.000	36.2456	44.8504
	ind.2,5	28.57200(*)	1.18904	.000	24.2696	32.8744
	ind.5	6.53400(*)	1.18904	.000	2.2316	10.8364
	ind.10	3.40000	1.18904	.301	-.9024	7.7024
	cl.1	28.57200(*)	1.18904	.000	24.2696	32.8744
	cl.2,5	8.98600(*)	1.18904	.000	4.6836	13.2884
	cl.5	-6.12000(*)	1.18904	.000	-10.4224	-1.8176
	cl.10	-11.97200(*)	1.18904	.000	-16.2744	-7.6696
	ch3.1	33.34000(*)	1.18904	.000	29.0376	37.6424
	ch3.2,5	12.65800(*)	1.18904	.000	8.3556	16.9604
	ch3.5	-1.49600	1.18904	.998	-5.7984	2.8064
	ch3.10	-10.33600(*)	1.18904	.000	-14.6384	-6.0336
	cl.ch3.1	26.53000(*)	1.18904	.000	22.2276	30.8324
	cl.ch3.2,5	15.37800(*)	1.18904	.000	11.0756	19.6804
	cl.ch3.5	-4.08000	1.18904	.083	-8.3824	.2224
	cl.ch3.10	-9.92800(*)	1.18904	.000	-14.2304	-5.6256
p10	p5	9.79200(*)	1.18904	.000	5.4896	14.0944
	ind.1	50.34000(*)	1.18904	.000	46.0376	54.6424
	ind.2,5	38.36400(*)	1.18904	.000	34.0616	42.6664
	ind.5	16.32600(*)	1.18904	.000	12.0236	20.6284
	ind.10	13.19200(*)	1.18904	.000	8.8896	17.4944
	cl.1	38.36400(*)	1.18904	.000	34.0616	42.6664
	cl.2,5	18.77800(*)	1.18904	.000	14.4756	23.0804
	cl.5	3.67200	1.18904	.189	-.6304	7.9744
	cl.10	-2.18000	1.18904	.926	-6.4824	2.1224
	ch3.1	43.13200(*)	1.18904	.000	38.8296	47.4344
	ch3.2,5	22.45000(*)	1.18904	.000	18.1476	26.7524
	ch3.5	8.29600(*)	1.18904	.000	3.9936	12.5984
	ch3.10	-.54400	1.18904	1.000	-4.8464	3.7584
	cl.ch3.1	36.32200(*)	1.18904	.000	32.0196	40.6244
	cl.ch3.2,5	25.17000(*)	1.18904	.000	20.8676	29.4724
	cl.ch3.5	5.71200(*)	1.18904	.001	1.4096	10.0144
	cl.ch3.10	-.13600	1.18904	1.000	-4.4384	4.1664

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