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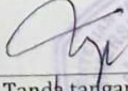
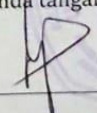

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## LAMPIRAN 1

### Rekomendasi Persetujuan Etik

 KEMENTERIAN PENDIDIKAN DAN KEBUDAYAAN UNIVERSITAS HASANUDDIN FAKULTAS KEDOKTERAN KOMITE ETIK PENELITIAN KESEHATAN RSPTN UNIVERSITAS HASANUDDIN RSUP Dr. WAHIDIN SUDIROHUSODO MAKASSAR Sekretariat : Lantai 2 Gedung Laboratorium Terpadu JL. PERINTIS KEMERDEKAAN KAMPUS TAMALANREA KM.10 MAKASSAR 90245. Contact Person: dr. Agussalim Bukhari, MMed, PhD, SpGK TELP. 081241850858, 0411 5780103, Fax : 0411-581431			
<b>REKOMENDASI PERSETUJUAN ETIK</b>			
Nomor : 559/UN4.6.4.5.31/ PP36/ 2020			
Tanggal: 17 September 2020			
Dengan ini Menyatakan bahwa Protokol dan Dokumen yang Berhubungan Dengan Protokol berikut ini telah mendapatkan Persetujuan Etik :			
No Protokol	UH20080430	No Sponsor Protokol	
Peneliti Utama	<b>dr. Sigit Dwi Pramono, S.Ked</b>	Sponsor	
Judul Peneliti	Uji Efektivitas Hepatoprotektor dari Madu Kelulut ( <i>Trigona spp.</i> ) pada Tikus Sprague dawley yang Diinduksi Acetaminophen		
No Versi Protokol	1	Tanggal Versi	31 Agustus 2020
No Versi PSP		Tanggal Versi	
Tempat Penelitian	<b>Laboratorium Biokimia Fakultas Kedokteran Universitas Hasanuddin &amp; Laboratorium Patologi. Anatomi Rumah Sakit Universitas Hasanuddin Makassar</b>		
Jenis Review	<input type="checkbox"/> Exempted <input checked="" type="checkbox"/> Expedited <input type="checkbox"/> Fullboard Tanggal	Masa Berlaku 17 September 2020 sampai 17 September 2021	Frekuensi review lanjutan
Ketua Komisi Etik Penelitian Kesehatan FKUH	Nama <b>Prof.Dr.dr. Suryani As'ad, M.Sc.,Sp.GK (K)</b>	Tanda tangan 	
Sekretaris Komisi Etik Penelitian Kesehatan FKUH	Nama <b>dr. Agussalim Bukhari, M.Med.,Ph.D.,Sp.GK (K)</b>	Tanda tangan 	
Kewajiban Peneliti Utama: <ul style="list-style-type: none"> <li>Menyerahkan Amandemen Protokol untuk persetujuan sebelum di implementasikan</li> <li>Menyerahkan Laporan SAE ke Komisi Etik dalam 24 Jam dan dilengkapi dalam 7 hari dan Laporan SUSAR dalam 72 Jam setelah Peneliti Utama menerima laporan</li> <li>Menyerahkan Laporan Kemajuan (progress report) setiap 6 bulan untuk penelitian resiko tinggi dan setiap setahun untuk penelitian resiko rendah</li> <li>Menyerahkan laporan akhir setelah Penelitian berakhir</li> <li>Melaporkan penyimpangan dari prokol yang disetujui (protocol deviation / violation)</li> </ul>			
 Scanned with CamScanner			

## LAMPIRAN 2

### Perhitungan Dosis

#### A. Perhitungan dosis toksik paracetamol 2 mg/grBB/hari

##### Dosis 2 gram/kgBB

$$\frac{2000 \text{ mg}}{1000 \text{ gramBB}} = 2 \text{ mg/gramBB}$$

- Dosis untuk 150 gram BB tikus = 2 mg/gramBB x 150 gram  
= 300 mg

Jadi jumlah paracetamol yang ditimbang untuk tikus dengan BB 150 g/kgBB adalah 300 mg.

- Volume pemberian =  $\frac{300 \text{ mg}}{500 \text{ mg}} \times 10 \text{ ml} = 6 \text{ ml}$

Paracetamol 500 mg dilarutkan dalam 10 ml aquadest sehingga dalam 1 ml larutan paracetamol mengandung 50 mg paracetamol.

Jadi pada tikus diberikan 6 ml larutan paracetamol per hari melalui NGT.

#### B. Perhitungan dosis madu *Trigona spp.* :

##### 1. Dosis 1 9,3 g/KgBB

$$\frac{9300 \text{ mg}}{1000 \text{ gramBB}} = 9,3 \text{ mg/gramBB}$$

$$\begin{aligned} \text{Dosis untuk 150 gram BB tikus} &= 9,3 \text{ mg/gramBB} \times 150 \text{ gram} \\ &= 1395 \text{ mg} \end{aligned}$$

Jadi jumlah madu trigona yang diberikan untuk tikus dengan BB 150 g/kgBB adalah 1395 mg per hari melalui NGT

2. Dosis II 18,6 g/KgBB

$$\frac{18600 \text{ mg}}{1000 \text{ gramBB}} = 18,6 \text{ mg/gramBB}$$

$$\begin{aligned} \text{Dosis untuk 150 gram BB tikus} &= 18,6 \text{ mg/gramBB} \times 150 \text{ gram} \\ &= 2.790 \text{ mg} \end{aligned}$$

Jadi jumlah madu trigona yang diberikan untuk tikus dengan BB 150 g/kgBB adalah 2.790 mg per hari melalui NGT.

**C. Perhitungan dosis Curcuma:**

- Dosis curcuma untuk hepatoprotektor 100 mg/kgBB/hari.

$$\frac{100 \text{ mg}}{1000 \text{ gramBB}} = 0,1 \text{ mg/gramBB}$$

Untuk berat tikus 150 mg diberikan tablet ekstrak curcuma 15 mg.

Dosis curcuma untuk tikus sebagai hepatoprotektor 15 mg/hari

- Volume pemberian  $= \frac{15 \text{ mg}}{20 \text{ mg}} \times 10 \text{ ml} = 7,5 \text{ ml}$

Curcuma tablet 20 mg dilarutkan dalam 10 ml aquadest sehingga dalam 1 ml larutan curcuma mengandung 2 mg curcuma. Jadi pada tikus diberikan 7,5 ml larutan curcuma per hari melalui NGT setara 15 mg/hari.



## LAMPIRAN 3

### Analisis Data Hasil Penelitian Menggunakan SPSS 25

#### 1. Berat Badan Hewan Uji

#### Case Processing Summary

Kelompok Perlakuan	Cases				
	Valid		Missing		
	N	Percent	N	Percent	
Berat Badan Hari Ke-1	Kontrol Negatif	3	100.0%	0	0.0%
	Kontrol Positif	3	100.0%	0	0.0%
	Kontrol Curcuma	3	100.0%	0	0.0%
	Dosis I Madu Trigona	3	100.0%	0	0.0%
	Dosis II Madu Trigona	3	100.0%	0	0.0%

#### Descriptives

Kelompok Perlakuan		Statistic	Std. Error	
Berat Badan Hari Ke-1	Kontrol Negatif	Mean	172.67	11.780
	95% Confidence Interval for Mean	Lower Bound	121.98	
		Upper Bound	223.35	
	5% Trimmed Mean		.	
	Median		168.00	
	Variance		416.333	
	Std. Deviation		20.404	
	Minimum		155	
	Maximum		195	
	Range		40	
	Interquartile Range		.	
	Skewness		.975	1.225
	Kurtosis		.	.
	Kontrol Positif	Mean	216.00	30.022
95% Confidence Interval for Mean	Lower Bound	86.82		
	Upper Bound	345.18		
5% Trimmed Mean		.		
Median		188.00		
Variance		2704.000		
Std. Deviation		52.000		

	Minimum		184	
	Maximum		276	
	Range		92	
	Interquartile Range		.	
	Skewness		1.721	1.225
	Kurtosis		.	.
Kontrol	Mean		189.33	22.184
Curcuma	95% Confidence Interval for Mean	Lower Bound	93.89	
		Upper Bound	284.78	
	5% Trimmed Mean		.	
	Median		210.00	
	Variance		1476.333	
	Std. Deviation		38.423	
	Minimum		145	
	Maximum		213	
	Range		68	
	Interquartile Range		.	
	Skewness		-1.720	1.225
	Kurtosis		.	.
Dosis I Madu	Mean		178.33	2.728
Trigona	95% Confidence Interval for Mean	Lower Bound	166.59	
		Upper Bound	190.07	
	5% Trimmed Mean		.	
	Median		180.00	
	Variance		22.333	
	Std. Deviation		4.726	
	Minimum		173	
	Maximum		182	
	Range		9	
	Interquartile Range		.	
	Skewness		-1.390	1.225
	Kurtosis		.	.
Dosis II Madu	Mean		174.33	25.465
Trigona	95% Confidence Interval for Mean	Lower Bound	64.77	
		Upper Bound	283.90	
	5% Trimmed Mean		.	
	Median		163.00	

Variance	1945.333	
Std. Deviation	44.106	
Minimum	137	
Maximum	223	
Range	86	
Interquartile Range	.	
Skewness	1.080	1.225
Kurtosis	.	.

### Case Processing Summary

	Kelompok Perlakuan	Cases					
		Valid		Missing		Total	
		N	Percent	N	Percent	N	Percent
Berat Badan	Kontrol Negatif	3	100.0%	0	0.0%	3	100.0%
Hari Ke-8	Kontrol Positif	3	100.0%	0	0.0%	3	100.0%
	Kontrol Curcuma	3	100.0%	0	0.0%	3	100.0%
	Dosis I Madu Trigona	3	100.0%	0	0.0%	3	100.0%
	Dosis II Madu Trigona	3	100.0%	0	0.0%	3	100.0%

### Descriptives

	Kelompok Perlakuan	Statistic	Std. Error		
Berat Badan	Kontrol	Mean	182.6667	11.78040	
Hari Ke-8	Negatif	95% Confidence Interval	Lower Bound	131.9797	
		for Mean	Upper Bound	233.3536	
		5% Trimmed Mean		.	
		Median		178.0000	
		Variance		416.333	
		Std. Deviation		20.40425	
		Minimum		165.00	
		Maximum		205.00	
		Range		40.00	
		Interquartile Range		.	
		Skewness		.975	1.225
		Kurtosis		.	.
			Kontrol	Mean	176.6667
	Positif	95% Confidence Interval	Lower Bound	121.2680	
		for Mean	Upper Bound	232.0654	
		5% Trimmed Mean		.	

	Median		168.0000	
	Variance		497.333	
	Std. Deviation		22.30097	
	Minimum		160.00	
	Maximum		202.00	
	Range		42.00	
	Interquartile Range		.	
	Skewness		1.485	1.225
	Kurtosis		.	.
Kontrol	Mean		155.0000	26.31223
Curcuma	95% Confidence Interval for Mean	Lower Bound	41.7876	
		Upper Bound	268.2124	
	5% Trimmed Mean		.	
	Median		174.0000	
	Variance		2077.000	
	Std. Deviation		45.57412	
	Minimum		103.00	
	Maximum		188.00	
	Range		85.00	
	Interquartile Range		.	
	Skewness		-1.550	1.225
	Kurtosis		.	.
Dosis I	Mean		137.0000	11.59023
Madu Trigona	95% Confidence Interval for Mean	Lower Bound	87.1313	
		Upper Bound	186.8687	
	5% Trimmed Mean		.	
	Median		128.0000	
	Variance		403.000	
	Std. Deviation		20.07486	
	Minimum		123.00	
	Maximum		160.00	
	Range		37.00	
	Interquartile Range		.	
	Skewness		1.612	1.225
	Kurtosis		.	.
	Mean		137.3333	25.35964
		Lower Bound	28.2196	

Dosis II Madu Trigona	95% Confidence Interval for Mean	Upper Bound	246.4470	
	5% Trimmed Mean		.	
	Median		114.0000	
	Variance		1929.333	
	Std. Deviation		43.92418	
	Minimum		110.00	
	Maximum		188.00	
	Range		78.00	
	Interquartile Range		.	
	Skewness		1.716	1.225
	Kurtosis		.	.

### Case Processing Summary

	Kelompok Perlakuan	Cases					
		Valid		Missing		Total	
		N	Percent	N	Percent	N	Percent
Berat Badan Hari Ke-15	Kontrol Negatif	3	100.0%	0	0.0%	3	100.0%
	Kontrol Positif	3	100.0%	0	0.0%	3	100.0%
	Kontrol Curcuma	3	100.0%	0	0.0%	3	100.0%
	Dosis I Madu Trigona	3	100.0%	0	0.0%	3	100.0%
	Dosis II Madu Trigona	3	100.0%	0	0.0%	3	100.0%

### Descriptives

	Kelompok Perlakuan	Statistic	Std. Error
Berat Badan Hari Ke-15	Kontrol Negatif	Mean	198.3333
		95% Confidence Interval for Mean	10.92906
		Lower Bound	151.3094
		Upper Bound	245.3573
		5% Trimmed Mean	.
		Median	190.0000
		Variance	358.333
		Std. Deviation	18.92969
		Minimum	185.00
		Maximum	220.00
		Range	35.00
		Interquartile Range	.
		Skewness	1.597
		Kurtosis	1.225

Kontrol Positif	Mean		192.6667	15.76212
	95% Confidence Interval for Mean	Lower Bound	124.8477	
		Upper Bound	260.4856	
	5% Trimmed Mean		.	
	Median		180.0000	
	Variance		745.333	
	Std. Deviation		27.30079	
	Minimum		174.00	
	Maximum		224.00	
	Range		50.00	
	Interquartile Range		.	
	Skewness		1.638	1.225
	Kurtosis		.	.
	Kontrol Curcuma	Mean		173.3333
95% Confidence Interval for Mean		Lower Bound	67.6966	
		Upper Bound	278.9701	
5% Trimmed Mean			.	
Median			190.0000	
Variance			1808.333	
Std. Deviation			42.52450	
Minimum			125.00	
Maximum			205.00	
Range			80.00	
Interquartile Range			.	
Skewness			-1.493	1.225
Kurtosis			.	.
Dosis I Madu Trigona		Mean		160.0000
	95% Confidence Interval for Mean	Lower Bound	125.8488	
		Upper Bound	194.1512	
	5% Trimmed Mean		.	
	Median		163.0000	
	Variance		189.000	
	Std. Deviation		13.74773	
	Minimum		145.00	
	Maximum		172.00	
	Range		27.00	
	Interquartile Range		.	

	Skewness		-.935	1.225
	Kurtosis		.	.
Dosis II Madu	Mean		164.6667	18.55023
Trigona	95% Confidence Interval for Mean	Lower Bound	84.8515	
		Upper Bound	244.4819	
	5% Trimmed Mean		.	
	Median		153.0000	
	Variance		1032.333	
	Std. Deviation		32.12994	
	Minimum		140.00	
	Maximum		201.00	
	Range		61.00	
	Interquartile Range		.	
	Skewness		1.419	1.225
	Kurtosis		.	.

## 2. Kadar SGOT Hewan Uji

### Case Processing Summary

Kelompok Perlakuan	Cases				
	Valid		Missing		
	N	Percent	N	Percent	
Kadar SGOT	Kontrol Negatif	3	100.0%	0	0.0%
Hari Ke-1	Kontrol Positif	3	100.0%	0	0.0%
	Kontrol Curcuma	3	100.0%	0	0.0%
	Dosis I Madu Trigona	3	100.0%	0	0.0%
	Dosis II Madu Trigona	3	100.0%	0	0.0%

### Descriptives

Kelompok Perlakuan	Statistic	Std. Error	
Kadar SGOT	Mean	20.4933	1.71892
Hari Ke-1	95% Confidence Interval for Mean	Lower Bound	13.0974
		Upper Bound	27.8892
	5% Trimmed Mean		.
	Median		19.1900
	Variance		8.864
	Std. Deviation		2.97725

	Minimum		18.39	
	Maximum		23.90	
	Range		5.51	
	Interquartile Range		.	
	Skewness		1.592	1.225
	Kurtosis		.	.
Kontrol Positif	Mean		26.4400	3.14180
	95% Confidence Interval	Lower Bound	12.9219	
	for Mean	Upper Bound	39.9581	
	5% Trimmed Mean		.	
	Median		23.9600	
	Variance		29.613	
	Std. Deviation		5.44176	
	Minimum		22.68	
	Maximum		32.68	
	Range		10.00	
	Interquartile Range		.	
	Skewness		1.625	1.225
	Kurtosis		.	.
Kontrol Curcuma	Mean		24.4200	2.74583
	95% Confidence Interval	Lower Bound	12.6056	
	for Mean	Upper Bound	36.2344	
	5% Trimmed Mean		.	
	Median		26.6400	
	Variance		22.619	
	Std. Deviation		4.75592	
	Minimum		18.96	
	Maximum		27.66	
	Range		8.70	
	Interquartile Range		.	
	Skewness		-1.643	1.225
	Kurtosis		.	.
Dosis I Madu Trigona	Mean		21.6500	.87932
	95% Confidence Interval	Lower Bound	17.8666	
	for Mean	Upper Bound	25.4334	
	5% Trimmed Mean		.	
	Median		21.1900	



	Variance		2.320	
	Std. Deviation		1.52302	
	Minimum		20.41	
	Maximum		23.35	
	Range		2.94	
	Interquartile Range		.	
	Skewness		1.235	1.225
	Kurtosis		.	.
Dosis II Madu	Mean		24.2033	3.04918
Trigona	95% Confidence Interval	Lower Bound	11.0838	
	for Mean	Upper Bound	37.3229	
	5% Trimmed Mean		.	
	Median		25.1300	
	Variance		27.892	
	Std. Deviation		5.28133	
	Minimum		18.52	
	Maximum		28.96	
	Range		10.44	
	Interquartile Range		.	
	Skewness		-.765	1.225
	Kurtosis		.	.

### Tests of Normality

	Kelompok Perlakuan	Kolmogorov-Smirnov <sup>a</sup>			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
Kadar	Kontrol Negatif	.336	3	.	.856	3	.257
SGOT Hari	Kontrol Positif	.342	3	.	.844	3	.225
Ke-1	Kontrol Curcuma	.346	3	.	.837	3	.205
	Dosis I Madu Trigona	.285	3	.	.932	3	.495
	Dosis II Madu Trigona	.236	3	.	.977	3	.709

a. Lilliefors Significance Correction

### Tests of Normality

	Kelompok Perlakuan	Kolmogorov-Smirnov <sup>a</sup>			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
Kadar SGOT	Kontrol Negatif	.336	3	.	.856	3	.257
Hari Ke-1	Kontrol Positif	.342	3	.	.844	3	.225
	Kontrol Curcuma	.346	3	.	.837	3	.205

Dosis I Madu Trigona	.285	3	.	.932	3	.495
Dosis II Madu Trigona	.236	3	.	.977	3	.709

a. Lilliefors Significance Correction

### ANOVA

Kadar SGOT Hari Ke-1

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	67.290	4	16.823	.921	.489
Within Groups	182.615	10	18.262		
Total	249.905	14			

### Case Processing Summary

	Kelompok Perlakuan	Valid		Missing		Total	
		N	Percent	N	Percent	N	Percent
Kadar SGOT Hari Ke-8	Kontrol Negatif	3	100.0%	0	0.0%	3	100.0%
	Kontrol Positif	3	100.0%	0	0.0%	3	100.0%
	Kontrol Curcuma	3	100.0%	0	0.0%	3	100.0%
	Dosis I Madu Trigona	3	100.0%	0	0.0%	3	100.0%
	Dosis II Madu Trigona	3	100.0%	0	0.0%	3	100.0%

### Descriptives

	Kelompok Perlakuan	Statistic	Std. Error
Kadar SGOT Hari Ke-8	Kontrol Negatif	Mean	20.9567
		95% Confidence Interval for Mean	Lower Bound 14.3983
		Upper Bound 27.5150	
		5% Trimmed Mean	.
		Median	19.9600
		Variance	6.970
		Std. Deviation	2.64008
		Minimum	18.96
		Maximum	23.95
		Range	4.99
		Interquartile Range	.
		Skewness	1.457
		Kurtosis	.
	Kontrol Positif	Mean	49.6167
Lower Bound		21.6145	

	95% Confidence Interval for Mean	Upper Bound	77.6188	
	5% Trimmed Mean		.	
	Median		46.1700	
	Variance		127.067	
	Std. Deviation		11.2723	
			8	
	Minimum		40.47	
	Maximum		62.21	
	Range		21.74	
	Interquartile Range		.	
	Skewness		1.247	1.225
	Kurtosis		.	.
Kontrol Curcuma	Mean		42.2100	1.74360
	95% Confidence Interval for Mean	Lower Bound	34.7079	
		Upper Bound	49.7121	
	5% Trimmed Mean		.	
	Median		42.2100	
	Variance		9.120	
	Std. Deviation		3.02000	
	Minimum		39.19	
	Maximum		45.23	
	Range		6.04	
	Interquartile Range		.	
	Skewness		.000	1.225
	Kurtosis		.	.
Dosis I Madu Trigona	Mean		45.2800	2.47583
	95% Confidence Interval for Mean	Lower Bound	34.6274	
		Upper Bound	55.9326	
	5% Trimmed Mean		.	
	Median		45.9400	
	Variance		18.389	
	Std. Deviation		4.28826	
	Minimum		40.70	
	Maximum		49.20	
	Range		8.50	
	Interquartile Range		.	

	Skewness		- .676	1.225
	Kurtosis		.	.
Dosis II Madu	Mean		52.9967	4.88797
Trigona	95% Confidence	Lower Bound	31.9654	
	Interval for Mean	Upper Bound	74.0279	
	5% Trimmed Mean		.	
	Median		53.9600	
	Variance		71.677	
	Std. Deviation		8.46621	
	Minimum		44.09	
	Maximum		60.94	
	Range		16.85	
	Interquartile Range		.	
	Skewness		- .505	1.225
	Kurtosis		.	.

### Tests of Normality

	Kelompok Perlakuan	Kolmogorov-Smirnov <sup>a</sup>			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
Kadar SGOT	Kontrol Negatif	.314	3	.	.893	3	.364
Hari Ke-8	Kontrol Positif	.287	3	.	.930	3	.488
	Kontrol Curcuma	.175	3	.	1.000	3	1.000
	Dosis I Madu Trigona	.228	3	.	.982	3	.745
	Dosis II Madu Trigona	.212	3	.	.990	3	.811

a. Lilliefors Significance Correction

### Test of Homogeneity of Variances

		Levene Statistic	df1	df2	Sig.
Kadar SGOT	Based on Mean	2.436	4	10	.116
Hari Ke-8	Based on Median	.842	4	10	.529
	Based on Median and with adjusted df	.842	4	4.415	.559
	Based on trimmed mean	2.295	4	10	.131

## ANOVA

Kadar SGOT Hari Ke-8

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	1897.020	4	474.255	10.167	.002
Within Groups	466.446	10	46.645		
Total	2363.465	14			

## Case Processing Summary

	Kelompok Perlakuan	Cases					
		Valid		Missing		Total	
		N	Percent	N	Percent	N	Percent
Kadar SGOT Hari Ke-15	Kontrol Negatif	3	100.0%	0	0.0%	3	100.0%
	Kontrol Positif	3	100.0%	0	0.0%	3	100.0%
	Kontrol Curcuma	3	100.0%	0	0.0%	3	100.0%
	Dosis I Madu Trigona	3	100.0%	0	0.0%	3	100.0%
	Dosis II Madu Trigona	3	100.0%	0	0.0%	3	100.0%

## Descriptives

	Kelompok Perlakuan	Statistic	Std. Error		
Kadar SGOT Hari Ke-15	Kontrol Negatif	Mean	21.6600	1.49684	
		95% Confidence Interval for Mean	Lower Bound	15.2196	
			Upper Bound	28.1004	
		5% Trimmed Mean		.	
		Median		21.0600	
		Variance		6.722	
		Std. Deviation		2.59260	
		Minimum		19.42	
		Maximum		24.50	
		Range		5.08	
		Interquartile Range		.	
		Skewness		.986	1.225
		Kurtosis		.	.
		Kontrol Positif	Mean	66.7200	3.11689
		95% Confidence Interval for Mean	Lower Bound	53.3091	
		Upper Bound	80.1309		

	5% Trimmed Mean		.	
	Median		65.2200	
	Variance		29.145	
	Std. Deviation		5.39862	
	Minimum		62.23	
	Maximum		72.71	
	Range		10.48	
	Interquartile Range		.	
	Skewness		1.154	1.225
	Kurtosis		.	.
Kontrol	Mean		23.9600	.62268
Curcuma	95% Confidence	Lower Bound	21.2808	
	Interval for Mean	Upper Bound	26.6392	
	5% Trimmed Mean		.	
	Median		23.4400	
	Variance		1.163	
	Std. Deviation		1.07852	
	Minimum		23.24	
	Maximum		25.20	
	Range		1.96	
	Interquartile Range		.	
	Skewness		1.665	1.225
	Kurtosis		.	.
Dosis I Madu	Mean		25.8133	.37777
Trigona	95% Confidence	Lower Bound	24.1879	
	Interval for Mean	Upper Bound	27.4388	
	5% Trimmed Mean		.	
	Median		26.1400	
	Variance		.428	
	Std. Deviation		.65432	
	Minimum		25.06	
	Maximum		26.24	
	Range		1.18	
	Interquartile Range		.	
	Skewness		-1.687	1.225
	Kurtosis		.	.
	Mean		21.7167	2.98124

Dosis II Madu Trigona	95% Confidence	Lower Bound	8.8894	
	Interval for Mean	Upper Bound	34.5439	
	5% Trimmed Mean		.	
	Median		22.6500	
	Variance		26.663	
	Std. Deviation		5.16366	
	Minimum		16.15	
	Maximum		26.35	
	Range		10.20	
	Interquartile Range		.	
	Skewness		-.787	1.225
	Kurtosis		.	.

### Tests of Normality

	Kelompok Perlakuan	Kolmogorov-Smirnov <sup>a</sup>			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
Kadar SGOT	Kontrol Negatif	.258	3	.	.960	3	.615
Hari Ke-15	Kontrol Positif	.276	3	.	.942	3	.536
	Kontrol Curcuma	.352	3	.	.826	3	.177
	Dosis I Madu Trigona	.358	3	.	.813	3	.146
	Dosis II Madu Trigona	.238	3	.	.975	3	.700

a. Lilliefors Significance Correction

### Test of Homogeneity of Variances

		Levene Statistic	df1	df2	Sig.
Kadar SGOT	Based on Mean	3.044	4	10	.070
Hari Ke-15	Based on Median	1.115	4	10	.402
	Based on Median and with adjusted df	1.115	4	5.211	.439
	Based on trimmed mean	2.872	4	10	.080

### ANOVA

Kadar SGOT Hari Ke-15

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	4563.162	4	1140.791	88.956	.000
Within Groups	128.243	10	12.824		
Total	4691.405	14			

### Multiple Comparisons

Dependent Variable: Kadar SGOT Hari Ke-15

Tukey HSD

(I) Kelompok Perlakuan	(J) Kelompok Perlakuan	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
Negatif	Kontrol Positif	-45.06000*	2.92396	.000	-54.6830	-35.4370
	Kontrol Curcuma	-2.30000	2.92396	.929	-11.9230	7.3230
	Dosis I Madu Trigona	-4.15333	2.92396	.630	-13.7763	5.4696
	Dosis II Madu Trigona	-.05667	2.92396	1.000	-9.6796	9.5663
Kontrol Positif	Kontrol Negatif	45.06000*	2.92396	.000	35.4370	54.6830
	Kontrol Curcuma	42.76000*	2.92396	.000	33.1370	52.3830
	Dosis I Madu Trigona	40.90667*	2.92396	.000	31.2837	50.5296
	Dosis II Madu Trigona	45.00333*	2.92396	.000	35.3804	54.6263
Kontrol Curcuma	Kontrol Negatif	2.30000	2.92396	.929	-7.3230	11.9230
	Kontrol Positif	-42.76000*	2.92396	.000	-52.3830	-33.1370
	Dosis I Madu Trigona	-1.85333	2.92396	.966	-11.4763	7.7696
	Dosis II Madu Trigona	2.24333	2.92396	.934	-7.3796	11.8663
Dosis I Madu Trigona	Kontrol Negatif	4.15333	2.92396	.630	-5.4696	13.7763
	Kontrol Positif	-40.90667*	2.92396	.000	-50.5296	-31.2837
	Kontrol Curcuma	1.85333	2.92396	.966	-7.7696	11.4763
	Dosis II Madu Trigona	4.09667	2.92396	.641	-5.5263	13.7196
Dosis II Madu Trigona	Kontrol Negatif	.05667	2.92396	1.000	-9.5663	9.6796
	Kontrol Positif	-45.00333*	2.92396	.000	-54.6263	-35.3804
	Kontrol Curcuma	-2.24333	2.92396	.934	-11.8663	7.3796
	Dosis I Madu Trigona	-4.09667	2.92396	.641	-13.7196	5.5263

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

### Kadar SGOT Hari Ke-15

Tukey HSD<sup>a</sup>

Kelompok Perlakuan	N	Subset for alpha = 0.05	
		1	2
Kontrol Negatif	3	21.6600	
Dosis II Madu Trigona	3	21.7167	
Kontrol Curcuma	3	23.9600	
Dosis I Madu Trigona	3	25.8133	
Kontrol Positif	3		66.7200
Sig.		.630	1.000



Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3,000.

### 3. Kadar SGPT Hewan Uji

#### Case Processing Summary

	Kelompok Perlakuan	Valid		Cases Missing		Total	
		N	Percent	N	Percent	N	Percent
Kadar SGPT Hari Ke-1	Kontrol Negatif	3	100.0%	0	0.0%	3	100.0%
	Kontrol Positif	3	100.0%	0	0.0%	3	100.0%
	Kontrol Curcuma	3	100.0%	0	0.0%	3	100.0%
	Dosis I Madu Trigona	3	100.0%	0	0.0%	3	100.0%
	Dosis II Madu Trigona	3	100.0%	0	0.0%	3	100.0%

#### Descriptives

	Kelompok Perlakuan	Statistic	Std. Error		
Kadar SGPT Hari Ke-1	Kontrol Negatif	Mean	20.5967	1.76362	
		95% Confidence Interval for Mean	Lower Bound	13.0084	
			Upper Bound	28.1849	
		5% Trimmed Mean	.		
		Median	19.2000		
		Variance	9.331		
		Std. Deviation	3.05467		
		Minimum	18.49		
		Maximum	24.10		
		Range	5.61		
		Interquartile Range	.		
		Skewness	1.627	1.225	
		Kurtosis	.	.	
		Kontrol Positif	Kontrol Positif	Mean	27.1733
95% Confidence Interval for Mean	Lower Bound			12.7328	
	Upper Bound			41.6139	
5% Trimmed Mean	.				
Median	24.0600				
Variance	33.792				

	Std. Deviation		5.81310	
	Minimum		23.58	
	Maximum		33.88	
	Range		10.30	
	Interquartile Range		.	
	Skewness		1.719	1.225
	Kurtosis		.	.
Kontrol	Mean		24.7200	2.78776
Curcuma	95% Confidence Interval for Mean	Lower Bound	12.7252	
		Upper Bound	36.7148	
	5% Trimmed Mean		.	
	Median		27.1400	
	Variance		23.315	
	Std. Deviation		4.82854	
	Minimum		19.16	
	Maximum		27.86	
	Range		8.70	
	Interquartile Range		.	
	Skewness		-1.689	1.225
	Kurtosis		.	.
Dosis I	Mean		22.2933	.64509
Madu Trigona	95% Confidence Interval for Mean	Lower Bound	19.5177	
		Upper Bound	25.0689	
	5% Trimmed Mean		.	
	Median		22.2100	
	Variance		1.248	
	Std. Deviation		1.11733	
	Minimum		21.22	
	Maximum		23.45	
	Range		2.23	
	Interquartile Range		.	
	Skewness		.334	1.225
	Kurtosis		.	.
Dosis II	Mean		25.0367	2.82887
Madu Trigona	95% Confidence Interval for Mean	Lower Bound	12.8650	
		Upper Bound	37.2083	
	5% Trimmed Mean		.	

Median	26.3300	
Variance	24.007	
Std. Deviation	4.89974	
Minimum	19.62	
Maximum	29.16	
Range	9.54	
Interquartile Range	.	
Skewness	-1.105	1.225
Kurtosis	.	.

### Tests of Normality

	Kelompok Perlakuan	Kolmogorov-Smirnov <sup>a</sup>			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
Kadar SGPT	Kontrol Negatif	.343	3	.	.843	3	.222
Hari Ke-1	Kontrol Positif	.371	3	.	.785	3	.079
	Kontrol Curcuma	.359	3	.	.812	3	.143
	Dosis I Madu Trigona	.196	3	.	.996	3	.877
	Dosis II Madu Trigona	.271	3	.	.948	3	.560

a. Lilliefors Significance Correction

### Test of Homogeneity of Variances

		Levene Statistic	df1	df2	Sig.
Kadar SGPT	Based on Mean	2.541	4	10	.106
Hari Ke-1	Based on Median	.269	4	10	.891
	Based on Median and with adjusted df	.269	4	6.346	.888
	Based on trimmed mean	2.161	4	10	.147

### ANOVA

Kadar SGPT Hari Ke-1

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	78.456	4	19.614	1.070	.421
Within Groups	183.388	10	18.339		
Total	261.844	14			

### Case Processing Summary

	Kelompok Perlakuan	Cases					
		Valid		Missing		Total	
		N	Percent	N	Percent	N	Percent
Kadar SGPT	Kontrol Negatif	3	100.0%	0	0.0%	3	100.0%
Hari Ke-8	Kontrol Positif	3	100.0%	0	0.0%	3	100.0%
	Kontrol Curcuma	3	100.0%	0	0.0%	3	100.0%
	Dosis I Madu Trigona	3	100.0%	0	0.0%	3	100.0%
	Dosis II Madu Trigona	3	100.0%	0	0.0%	3	100.0%

### Descriptives

	Kelompok Perlakuan	Statistic	Std. Error	
Kadar SGPT	Kontrol	Mean	22.3200	
Hari Ke-8	Negatif	95% Confidence Interval for Mean	Lower Bound	10.1247
		Upper Bound	34.5153	
		5% Trimmed Mean	.	
		Median	20.2200	
		Variance	24.101	
		Std. Deviation	4.90929	
		Minimum	18.81	
		Maximum	27.93	
		Range	9.12	
		Interquartile Range	.	
		Skewness	1.573	1.225
		Kurtosis	.	.
			Kontrol	Mean
		Positif	95% Confidence Interval for Mean	Lower Bound
Upper Bound	89.9743			
5% Trimmed Mean	.			
Median	63.8200			
Variance	144.819			
Std. Deviation	12.03407			
Minimum	46.62			
Maximum	69.80			
		Range	23.18	

		Interquartile Range	.	
		Skewness	-1.263	1.225
		Kurtosis	.	.
Kontrol		Mean	52.6567	3.51878
Curcuma	95% Confidence	Lower Bound	37.5166	
	Interval for Mean	Upper Bound	67.7968	
		5% Trimmed Mean	.	
		Median	54.5500	
		Variance	37.145	
		Std. Deviation	6.09471	
		Minimum	45.84	
		Maximum	57.58	
		Range	11.74	
		Interquartile Range	.	
		Skewness	-1.263	1.225
		Kurtosis	.	.
Dosis I		Mean	51.0567	2.87406
Madu	95% Confidence	Lower Bound	38.6906	
	Interval for Mean	Upper Bound	63.4227	
Trigona		5% Trimmed Mean	.	
		Median	52.2200	
		Variance	24.781	
		Std. Deviation	4.97801	
		Minimum	45.60	
		Maximum	55.35	
		Range	9.75	
		Interquartile Range	.	
		Skewness	-.994	1.225
		Kurtosis	.	.
Dosis II		Mean	53.6000	4.63190
Madu	95% Confidence	Lower Bound	33.6705	
	Interval for Mean	Upper Bound	73.5295	
Trigona		5% Trimmed Mean	.	
		Median	54.6600	
		Variance	64.364	
		Std. Deviation	8.02269	
		Minimum	45.10	

Maximum	61.04	
Range	15.94	
Interquartile Range	.	
Skewness	-.584	1.225
Kurtosis	.	.

### Tests of Normality

	Kelompok Perlakuan	Kolmogorov-Smirnov <sup>a</sup>			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
Kadar SGPT	Kontrol Negatif	.332	3	.	.863	3	.275
Hari Ke-8	Kontrol Positif	.289	3	.	.928	3	.480
	Kontrol Curcuma	.289	3	.	.928	3	.480
	Dosis I Madu Trigona	.259	3	.	.959	3	.611
	Dosis II Madu Trigona	.219	3	.	.987	3	.781

a. Lilliefors Significance Correction

### Test of Homogeneity of Variances

		Levene Statistic	df1	df2	Sig.
Kadar SGPT	Based on Mean	1.336	4	10	.322
Hari Ke-8	Based on Median	.382	4	10	.817
	Based on Median and with adjusted df	.382	4	6.061	.815
	Based on trimmed mean	1.239	4	10	.355

### ANOVA

Kadar SGPT Hari Ke-8

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	2603.280	4	650.820	11.023	.001
Within Groups	590.419	10	59.042		
Total	3193.699	14			

### Case Processing Summary

	Kelompok Perlakuan	Cases					
		Valid		Missing		Total	
		N	Percent	N	Percent	N	Percent
Kadar SGPT Hari Ke-15	Kontrol Negatif	3	100.0%	0	0.0%	3	100.0%
	Kontrol Positif	3	100.0%	0	0.0%	3	100.0%
	Kontrol Curcuma	3	100.0%	0	0.0%	3	100.0%
	Dosis I Madu Trigona	3	100.0%	0	0.0%	3	100.0%
	Dosis II Madu Trigona	3	100.0%	0	0.0%	3	100.0%

### Descriptives

		Kelompok Perlakuan	Statistic	Std. Error
Kadar SGPT Hari Ke-15	Kontrol Negatif	Mean	26.2500	3.42120
		95% Confidence Interval for Mean	Lower Bound Upper Bound	11.5297 40.9703
		5% Trimmed Mean	.	
		Median	28.1000	
		Variance	35.114	
		Std. Deviation	5.92570	
		Minimum	19.62	
		Maximum	31.03	
		Range	11.41	
		Interquartile Range	.	
		Skewness	-1.268	1.225
		Kurtosis	.	.
	Kontrol Positif	Mean	69.5067	3.48066
		95% Confidence Interval for Mean	Lower Bound Upper Bound	54.5306 84.4827
		5% Trimmed Mean	.	
		Median	67.9200	
		Variance	36.345	
		Std. Deviation	6.02868	
		Minimum	64.43	
		Maximum	76.17	
		Range	11.74	
		Interquartile Range	.	

	Skewness		1.102	1.225
	Kurtosis		.	.
Kontrol	Mean		25.4000	1.69576
Curcuma	95% Confidence Interval for Mean	Lower Bound	18.1037	
		Upper Bound	32.6963	
	5% Trimmed Mean		.	
	Median		24.3400	
	Variance		8.627	
	Std. Deviation		2.93714	
	Minimum		23.14	
	Maximum		28.72	
	Range		5.58	
	Interquartile Range		.	
	Skewness		1.413	1.225
	Kurtosis		.	.
Dosis I	Mean		28.2300	.87546
Madu Trigona	95% Confidence Interval for Mean	Lower Bound	24.4632	
		Upper Bound	31.9968	
	5% Trimmed Mean		.	
	Median		28.3900	
	Variance		2.299	
	Std. Deviation		1.51634	
	Minimum		26.64	
	Maximum		29.66	
	Range		3.02	
	Interquartile Range		.	
	Skewness		-.470	1.225
	Kurtosis		.	.
Dosis II	Mean		22.3867	3.71327
Madu Trigona	95% Confidence Interval for Mean	Lower Bound	6.4098	
		Upper Bound	38.3636	
	5% Trimmed Mean		.	
	Median		24.5600	
	Variance		41.365	
	Std. Deviation		6.43157	
	Minimum		15.15	
	Maximum		27.45	



Range	12.30	
Interquartile Range	.	
Skewness	-1.347	1.225
Kurtosis	.	.

### Tests of Normality

	Kelompok Perlakuan	Kolmogorov-Smirnov <sup>a</sup>			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
Kadar SGPT	Kontrol Negatif	.289	3	.	.927	3	.477
Hari Ke-15	Kontrol Positif	.270	3	.	.948	3	.561
	Kontrol Curcuma	.308	3	.	.902	3	.393
	Dosis I Madu Trigona	.209	3	.	.992	3	.825
	Dosis II Madu Trigona	.299	3	.	.914	3	.433

a. Lilliefors Significance Correction

### Test of Homogeneity of Variances

		Levene Statistic	df1	df2	Sig.
Kadar SGPT	Based on Mean	1.981	4	10	.174
Hari Ke-15	Based on Median	.459	4	10	.764
	Based on Median and with adjusted df	.459	4	6.986	.764
	Based on trimmed mean	1.808	4	10	.204

### ANOVA

Kadar SGPT Hari Ke-15

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	4686.838	4	1171.710	47.342	.000
Within Groups	247.500	10	24.750		
Total	4934.338	14			

### Multiple Comparisons

Dependent Variable: Kadar SGPT Hari Ke-15

Tukey HSD

(I) Kelompok Perlakuan	(J) Kelompok Perlakuan	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
Kontrol Negatif	Kontrol Positif	-43.25667*	4.06202	.000	-56.6251	-29.8882
	Kontrol Curcuma	.85000	4.06202	.999	-12.5184	14.2184
	Dosis I Madu Trigona	-1.98000	4.06202	.987	-15.3484	11.3884
	Dosis II Madu Trigona	3.86333	4.06202	.870	-9.5051	17.2318
Kontrol Positif	Kontrol Negatif	43.25667*	4.06202	.000	29.8882	56.6251
	Kontrol Curcuma	44.10667*	4.06202	.000	30.7382	57.4751
	Dosis I Madu Trigona	41.27667*	4.06202	.000	27.9082	54.6451
	Dosis II Madu Trigona	47.12000*	4.06202	.000	33.7516	60.4884
Kontrol Curcuma	Kontrol Negatif	-.85000	4.06202	.999	-14.2184	12.5184
	Kontrol Positif	-44.10667*	4.06202	.000	-57.4751	-30.7382
	Dosis I Madu Trigona	-2.83000	4.06202	.953	-16.1984	10.5384
	Dosis II Madu Trigona	3.01333	4.06202	.941	-10.3551	16.3818
Dosis I Madu Trigona	Kontrol Negatif	1.98000	4.06202	.987	-11.3884	15.3484
	Kontrol Positif	-41.27667*	4.06202	.000	-54.6451	-27.9082
	Kontrol Curcuma	2.83000	4.06202	.953	-10.5384	16.1984
	Dosis II Madu Trigona	5.84333	4.06202	.619	-7.5251	19.2118
Dosis II Madu Trigona	Kontrol Negatif	-3.86333	4.06202	.870	-17.2318	9.5051
	Kontrol Positif	-47.12000*	4.06202	.000	-60.4884	-33.7516
	Kontrol Curcuma	-3.01333	4.06202	.941	-16.3818	10.3551
	Dosis I Madu Trigona	-5.84333	4.06202	.619	-19.2118	7.5251

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

### Kadar SGPT Hari Ke-15

Tukey HSD<sup>a</sup>

Kelompok Perlakuan	N	Subset for alpha = 0.05	
		1	2
Dosis II Madu Trigona	3	22.3867	
Kontrol Curcuma	3	25.4000	
Kontrol Negatif	3	26.2500	
Dosis I Madu Trigona	3	28.2300	
Kontrol Positif	3		69.5067
Sig.		.619	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3,000.

#### 4. Skor Histopatologi Organ Hati Hewan Uji

##### Case Processing Summary

		Cases					
		Valid		Missing		Total	
	Kelompok Perlakuan	N	Percent	N	Percent	N	Percent
Skor	Kontrol Negatif	3	100.0%	0	0.0%	3	100.0%
Pemeriksaan	Kontrol Positif	3	100.0%	0	0.0%	3	100.0%
Histopatologi	Kontrol Curcuma	3	100.0%	0	0.0%	3	100.0%
	Dosis I Madu Trigona	3	100.0%	0	0.0%	3	100.0%
	Dosis II Madu Trigona	3	100.0%	0	0.0%	3	100.0%

##### Descriptives

		Kelompok Perlakuan		Statistic	Std. Error	
Skor	Kontrol Negatif	Mean		.0000	.00000	
Pemeriksaan		95% Confidence Interval for Mean	Lower Bound		.0000	
			Upper Bound		.0000	
Histopatologi		5% Trimmed Mean		.0000		
		Median		.0000		
		Variance		.000		
		Std. Deviation		.00000		
		Minimum		.00		
		Maximum		.00		
		Range		.00		
Interquartile Range			.00			
Skewness			.	.		
Kurtosis			.	.		
Kontrol Positif		Mean		3.3333	.66667	
	95% Confidence Interval for Mean	Lower Bound		.4649		
		Upper Bound		6.2018		
	5% Trimmed Mean		.			
	Median		4.0000			
	Variance		1.333			

	Std. Deviation		1.15470	
	Minimum		2.00	
	Maximum		4.00	
	Range		2.00	
	Interquartile Range		.	
	Skewness		-1.732	1.225
	Kurtosis		.	.
Kontrol	Mean		1.3333	.88192
Curcuma	95% Confidence	Lower Bound	-2.4612	
	Interval for Mean	Upper Bound	5.1279	
	5% Trimmed Mean		.	
	Median		1.0000	
	Variance		2.333	
	Std. Deviation		1.52753	
	Minimum		.00	
	Maximum		3.00	
	Range		3.00	
	Interquartile Range		.	
	Skewness		.935	1.225
	Kurtosis		.	.
Dosis I Madu	Mean		2.0000	1.15470
Trigona	95% Confidence	Lower Bound	-2.9683	
	Interval for Mean	Upper Bound	6.9683	
	5% Trimmed Mean		.	
	Median		2.0000	
	Variance		4.000	
	Std. Deviation		2.00000	
	Minimum		.00	
	Maximum		4.00	
	Range		4.00	
	Interquartile Range		.	
	Skewness		.000	1.225
	Kurtosis		.	.
Dosis II Madu	Mean		.6667	.66667
Trigona	95% Confidence	Lower Bound	-2.2018	
	Interval for Mean	Upper Bound	3.5351	
	5% Trimmed Mean		.	

Median	.0000	
Variance	1.333	
Std. Deviation	1.15470	
Minimum	.00	
Maximum	2.00	
Range	2.00	
Interquartile Range	.	
Skewness	1.732	1.225
Kurtosis	.	.

### Tests of Normality

	Kelompok Perlakuan	Kolmogorov-Smirnov <sup>a</sup>			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
Skor	Kontrol Negatif	.	3	.	.	3	.
Pemeriksaan	Kontrol Positif	.385	3	.	.750	3	.000
Histopatologi	Kontrol Curcuma	.253	3	.	.964	3	.637
	Dosis I Madu Trigona	.175	3	.	1.000	3	1.000
	Dosis II Madu Trigona	.385	3	.	.750	3	.000

a. Lilliefors Significance Correction

### Ranks

	Kelompok Perlakuan	N	Mean Rank
Skor Pemeriksaan	Kontrol Negatif	3	4.00
Histopatologi	Kontrol Positif	3	12.67
	Kontrol Curcuma	3	8.00
	Dosis I Madu Trigona	3	9.33
	Dosis II Madu Trigona	3	6.00
	Total		15

### Test Statistics<sup>a,b</sup>

Skor Pemeriksaan Histopatologi	
Kruskal-Wallis H	7.376
df	4
Asymp. Sig.	.117

a. Kruskal Wallis Test

b. Grouping Variable: Kelompok Perlakuan

## LAMPIRAN 4

### Gambar Penelitian

1. Gambar Madu Kelulut (*Trigona spp.*) dan Larutan Acetaminophen.



2. Gambar Hewan Uji *Rattus novergicus* galur *Sprague dawley*.



### 3. Gambar Perlakuan Pada Hewan Uji.



### 4. Gambar Pengambilan Darah dan Organ Hati Pada Hewan Uji.



**5. Gambar Pemeriksaan Kadar SGOT dan SGPT.**



**6. Gambar Pemeriksaan Histopatologi.**

