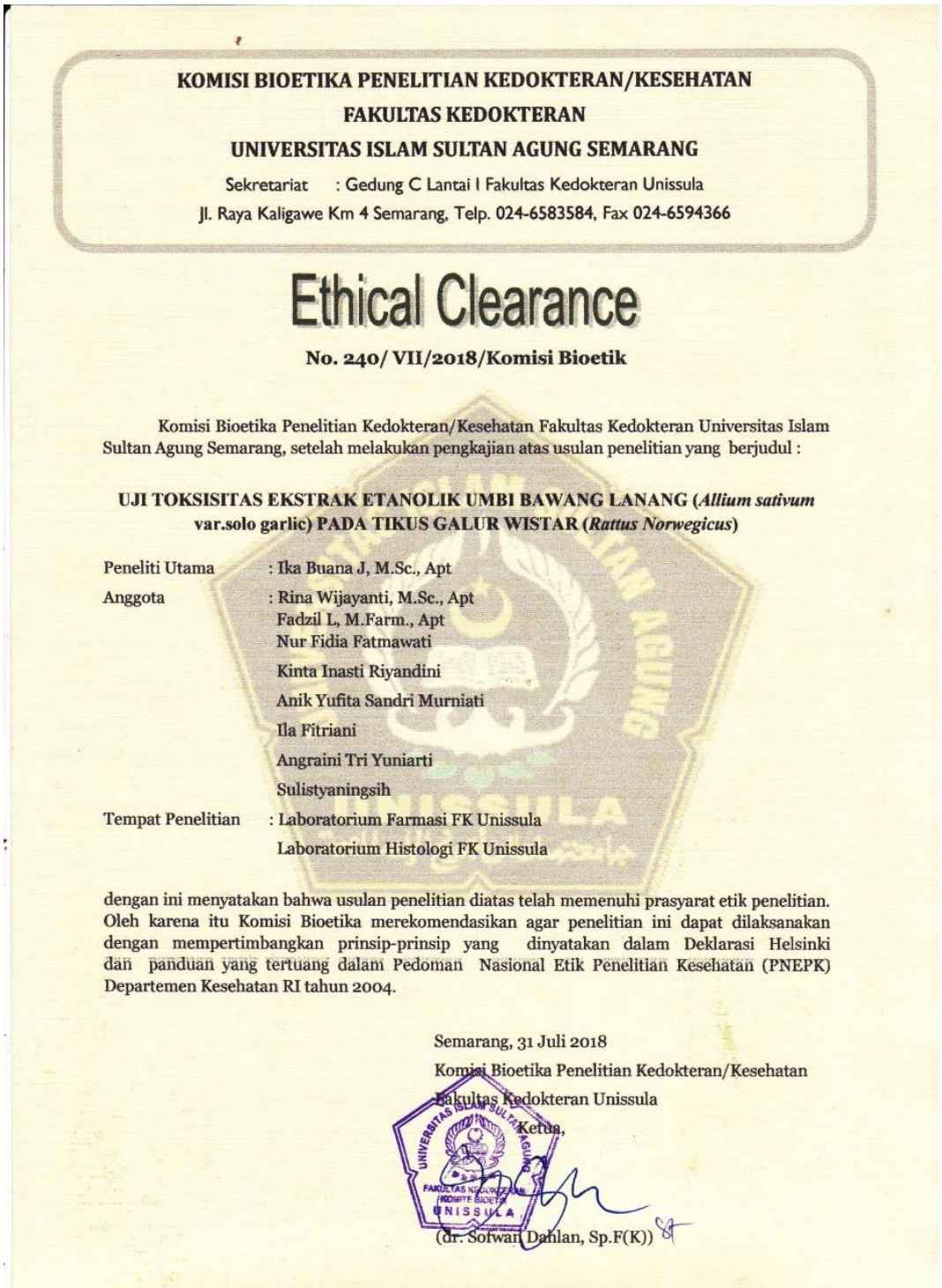
LAMPIRAN

Lampiran 1. *Ethical Clearance*



KOMISI BIOETIKA PENELITIAN KEDOKTERAN/KESEHATAN
FAKULTAS KEDOKTERAN
UNIVERSITAS ISLAM SULTAN AGUNG SEMARANG

Sekretariat : Gedung C Lantai I Fakultas Kedokteran Unissula
Jl. Raya Kaligawe Km 4 Semarang, Telp. 024-6583584, Fax 024-6594366

Ethical Clearance

No. 240/ VII/2018/Komisi Bioetik

Komisi Bioetika Penelitian Kedokteran/Kesehatan Fakultas Kedokteran Universitas Islam Sultan Agung Semarang, setelah melakukan pengkajian atas usulan penelitian yang berjudul :

UJI TOKSISITAS EKSTRAK ETANOLIK UMBI BAWANG LANANG (*Allium sativum* var.solo garlic) PADA TIKUS GALUR WISTAR (*Rattus Norwegicus*)

Peneliti Utama	: Ika Buana J, M.Sc., Apt
Anggota	: Rina Wijayanti, M.Sc., Apt
	Fadzil L, M.Farm., Apt
	Nur Fidia Fatmawati
	Kinta Inasti Riyandini
	Anik Yufita Sandri Murniati
	Ila Fitriani
	Angraini Tri Yuniarti
	Sulistyaningsih
Tempat Penelitian	: Laboratorium Farmasi FK Unissula
	Laboratorium Histologi FK Unissula

dengan ini menyatakan bahwa usulan penelitian diatas telah memenuhi prasyarat etik penelitian. Oleh karena itu Komisi Bioetika merekomendasikan agar penelitian ini dapat dilaksanakan dengan mempertimbangkan prinsip-prinsip yang dinyatakan dalam Deklarasi Helsinki dan panduan yang tertuang dalam Pedoman Nasional Etik Penelitian Kesehatan (PNEPK) Departemen Kesehatan RI tahun 2004.

Semarang, 31 Juli 2018
Komisi Bioetika Penelitian Kedokteran/Kesehatan
Fakultas Kedokteran Unissula
Ketua,

(dr. Sofwan Dahlan, Sp.F(K))

Lampiran 2. Determinasi Tanaman

KEMENTERIAN RISET, TEKNOLOGI, DAN PENDIDIKAN TINGGI
UNIVERSITAS NEGERI SEMARANG
FAKULTAS MATEMATIKA DAN ILMU PENGETAHUAN ALAM
LABORATORIUM JURUSAN BIOLOGI
Alamat : Gedung D11 FMIPA UNNES Kampus Sekaran Gunungpati Semarang 50229
website : biologi.unnes.ac.id, email : labbiologi.unnes@yahoo.com

Semarang, 1 Agustus 2018

No. : 744 /UN/37.1.4.5/LT/2018
Lampiran : -
Perihal : Hasil identifikasi tumbuhan

Kepada Yth.

Sdr. **Anggraini Tri Yuniarti**

Mahasiswa Program Studi Farmasi - Fakultas Kedokteran
Universitas Islam Sultan Agung (UNISSULA)
Semarang

Dengan hormat,

Bersama ini kami sampaikan hasil identifikasi tumbuhan yang Saudara kirimkan ke Laboratorium Taksonomi Tumbuhan Jurusan Biologi-FMIPA Universitas Negeri Semarang (UNNES), adalah sebagai berikut.

Divisio	: Magnoliophyta
Classis	: Liliopsida
SubClassis	: Liliidae
Ordo	: Liliales
Familia	: Liliaceae
Genus	: Allium
Species	: ***Allium sativum*** L.
Varietas	: ***Allium sativum*** L. var. ***sativum***
Cultivar	: ***Allium sativum*** L. ctv. **Solo**
Vern. name	: Bawang putih tunggal, Bawang lanang/ *pearl garlic, Solo garlic*

Demikian, semoga berguna bagi Saudara.

Mengetahui
Ketua Jurusan Biologi FMIPA UNNES

Dra. Endah Peniati, M.Si.
NIP. 196511161991032001

Kepala Laboratorium Biologi

Dr. Ning Setiati, M.Si.
NIP. 195903101987032001

Lampiran 3. Kadar Air Ekstrak Kental Umbi Bawang Lanang

Hasil kadar air

Lampiran 4. Hasil Rendemen Ekstrak

Rendemen Ekstrak Etanolik Umbi Bawang Lanang

$$\%.\ Rendemen = \frac{Berat\ ekstrak\ yangdiperoleh}{Berat\ bahan\ yang\ diekstrak}\ x\ 100$$

$$\%\ \text{Rendemen} = \frac{108{,}89\ \text{gram}}{2200\ \text{gram}}\ \text{x}100\%$$

$$\%\ \text{Rendemen} = 4{,}9495\%$$

Lampiran 5. Perhitungan Pembuatan EEUBL

Pembuatan Larutan NaCMC 1%

1 gram NaCMC dilarutkan dalam aquadest sebanyak 100 ml aduk ad homogen.

Perhitungan Dosis EEUBL:

a. Dosis 500 mg/kgBB

Faktor konversi tikus ke mencit = 0,14

Berat badan mencit = 20 g

Larutan stok dosis = 5 ml

Dosis tikus ke mencit = 500 mg/kgBB x 0,14

= 70 mg/kgBB

= 1,4 mg/20g

Pembuatan larutan dosis ekstrak $\frac{M1}{V1} = \frac{M2}{V2}$

$\frac{1{,}4\ mg}{0{,}5\ ml} = \frac{M2}{5\ ml}$

M_2 = 14 mg

Jadi 14 mg ekstrak etanolik umbi bawang lanang dilarutkan dalam 5 ml NaCMC 1%

b. Dosis 5.000 mg/KgBB

Faktor konversi tikus ke mencit = 0,14

Berat badan mencit = 20 g

Larutan stok dosis = 5 ml

Dosis tikus ke mencit = 5.000 mg/kgBB x 0,14

= 700 mg/kgBB

= 14 mg/20g

Pembuatan larutan dosis ekstrak $\frac{M1}{V1} = \frac{M2}{V2}$

$\frac{14\ mg}{0{,}5\ ml} = \frac{M2}{5\ ml}$

M_2 = 140 mg

Jadi 140 mg ekstrak etanolik umbi bawang lanang dilarutkan dalam 5 ml NaCMC 1%

c. Dosis 50.000 mg/kgBB

Faktor konversi tikus ke mencit = 0,14

Berat badan mencit = 20 g

Larutan stok dosis = 5 ml

Dosis tikus ke mencit = 50.000 mg/kgBB x 0,14

= 7000 mg/kgBB

= 140 mg/20g

Pembuatan larutan dosis ekstrak $\frac{M1}{V1} = \frac{M2}{V2}$

$\frac{140\ mg}{0{,}5\ ml} = \frac{M2}{5\ ml}$

M_2 = 1400 mg

Jadi 1400 mg ekstrak etanolik umbi bawang lanang dilarutkan dalam 5 ml NaCMC 1%

Perhitungan dosis saat penyondean

Normal

1. BB mencit 27 gram

   Penyondean $\frac{27\ g}{20\ g}$ x 0,5 ml = 0,675ml

2. BB mencit 28 gram

   Penyondean $\frac{28\ g}{20\ g}$ x 0,5 ml = 0,7 ml

3. BB mencit 29 gram

   Penyondean $\frac{29\ g}{20\ g}$ x 0,5 ml = 0,725 ml

Dosis 500 mg/kgBB

1. BB mencit 27 gram

   Penyondean $\frac{27\ g}{20\ g}$ x 0,5 ml = 0,675 ml

2. BB mencit 28 gram

Penyondean $\frac{28\ g}{20\ g}$ x 0,5 ml = 0,7 ml

3. BB mencit 29 gram

   Penyondean $\frac{29\ g}{20\ g}$ x 0,5 ml = 0,725 ml

Dosis 5.000 mg/KgBB

1. BB mencit 27 gram

   Penyondean $\frac{27\ g}{20\ g}$ x 0,5 ml = 0,675 ml

2. BB mencit 28 gram

   Penyondean $\frac{28\ g}{20\ g}$ x 0,5 ml = 0,7 ml

3. BB mencit 29 gram

   Penyondean $\frac{29\ g}{20\ g}$ x 0,5 ml = 0,725 ml

Dosis 50.000 mg/KgBB

1. BB mencit 27 gram

   Penyondean $\frac{27\ g}{20\ g}$ x 0,5 ml = 0,675 ml

2. BB mencit 28 gram

   Penyondean $\frac{28\ g}{20\ g}$ x 0,5 ml = 0,7 ml

3. BB mencit 29 gram

   Penyondean $\frac{29\ g}{20\ g}$ x 0,5 ml = 0,725 ml

Lampiran 6. Dosis EEUBL

Dosis (ml) yang disonde ke mencit kelompok normal

Dosis	Mencit					
	1	2	3	4	5	6
Na CMC	0.7ml	0.725ml	0.675ml	0.7ml	0.675ml	0.725ml

Dosis (ml) yang disonde ke mencit kelompok I (Dosis 500 mg/kgBB)

	Mencit					
Dosis	1	2	3	4	5	6
Ekstrak	0.7ml	0.725ml	0.7ml	0.7ml	0.675 ml	0.725ml

Dosis (ml) yang disonde ke mencit kelompok II (Dosis 5000 mg/kgBB)

	Mencit					
Dosis	1	2	3	4	5	6
Ekstrak	0.725ml	0.725ml	0.675ml	0.7ml	0.675ml	0.725ml

Dosis (ml) yang disonde ke mencit kelompok III (Dosis 50000 mg/kgBB)

	Mencit					
Dosis	1	2	3	4	5	6
Ekstrak	0.675ml	0.7ml	0.7ml	0.725ml	0.725ml	0.7ml

Lampiran 7. Hasil Penimbangan Berat Badan Mencit (gram) Selama 14 hari

Berat Badan (g) Hari ke-																
Kel.		**0**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**
Normal	1	28	29	29	31	31	33	34	33	34	35	36	36	37	38	39
	2	29	28	29	30	30	32	33	34	35	36	37	37	38	39	39
	3	*27*	28	30	31	30	32	33	32	34	35	36	36	35	36	38
	4	28	29	29	30	30	32	32	33	34	36	35	36	37	38	39
	5	27	26	27	28	29	30	30	31	32	34	34	35	36	37	38
	6	29	30	31	33	33	35	36	34	35	36	36	37	38	38	39
		28,00	28,33	29,17	30,67	30,33	32,33	33,00	32,83	34,00	35,33	35,67	36,17	36,83	37,67	38,67
Dosis (500 mg/kg BB)	1	28	27	28	28	30	32	33	33	34	34	36	36	38	37	37
	2	29	28	28	29	30	31	30	32	32	33	34	34	35	37	37
	3	28	29	29	31	30	31	33	33	34	36	37	37	38	38	39
	4	28	28	29	28	30	30	31	31	32	33	34	35	36	36	38
	5	27	27	28	29	30	32	33	32	33	35	35	36	37	37	38
	6	29	29	30	31	30	31	32	33	33	34	34	35	35	37	38
		28,17	28,00	28,67	29,33	30,00	31,17	32,00	32,33	33,00	34,17	35,00	35,50	36,50	37,00	37,87
Dosis (5000 mg/kg BB)	1	29	28	29	30	31	32	32	33	33	34	35	37	37	38	38
	2	29	29	30	30	29	31	31	31	32	34	34	36	38	39	39
	3	27	28	28	29	29	30	30	30	33	35	34	36	37	37	37
	4	28	29	29	28	29	31	31	31	34	36	36	36	37	38	38
	5	27	28	28	29	30	32	32	33	33	35	35	37	38	37	37
	6	29	29	30	29	30	31	33	33	34	34	35	37	38	38	39
		28,17	28,50	29,00	29,17	29,67	31,17	31,50	31,83	33,17	34,67	34,83	36,50	37,50	37,83	38,00
Dosis (50.000 mg/kg BB)	1	27	29	29	30	31	33	33	32	34	35	35	37	38	39	39
	2	28	29	29	30	31	32	32	33	35	36	35	36	38	37	38
	3	28	27	29	29	30	32	33	33	34	34	35	35	36	37	37
	4	29	30	30	29	30	31	33	33	34	35	35	37	38	39	39
	5	29	30	30	30	30	31	32	34	36	36	37	37	39	38	39
	6	28	30	29	30	31	32	32	33	35	35	37	38	38	38	39
		28,17	29,17	29,33	29,67	30,50	31,83	32,50	33,00	34,67	35,17	35,67	36,67	37,83	38,00	38,50

Lampiran 8. Jumlah Kematian Mencit Selama 14 hari

Jumlah Kematian Hari Ke-																
Kel.		**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	**Jam Kematian**
Normal	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Dosis (500 mg/kgBB)	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Dosis (5000 mg//kgBB)	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Dosis (50000 mg//kgBB)	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

Lampiran 9. Hasil Gambaran Histopatologi Organ Hati

DEPARTEMEN PENDIDIKAN NASIONAL
LABORATORIUM PATOLOGI
FAKULTAS KEDOKTERAN HEWAN
UNIVERSITAS GADJAH MADA
Jl. Fauna, Karangmalang, Yogyakarta 55281. Tlp. (0274) 9061103, 560862 Fax. 560861

No. : 072/PA/VII/2019 Yogyakarta, 31 Juli 2019
Hal. : Hasil Pembacaan Preparat Histopatologi
Lamp. : -

Ysh. Sdr. Fadzil Latifah, Anggraini Tri Yuniarti, dkk
Di Universitas Islam Sultan Agung
Semarang

Dengan hormat,
Berikut ini kami sampaikan hasil analisis organ hati, jantung dan ginjal tikus dengan pewarnaan haematoksilin dan eosin

Kode	Hati	Ginjal	Jantung
N1	TAP	TAP	TAP
N2	TAP*	TAP	TAP
N3	TAP*	TAP	TAP
N4	MFDMPD/1	TAP	TAP
N5	MFDMPD/2	TAP	TAP
N6	MFDMPD/2	TAP	TAP
N7	TAP*	TAP	TAP
K1	TAP*	TAP	TAP
K2	TAP	TAP	TAP
K3	TAP	TAP	TAP
K4	TAP	TAP	TAP
K5	MFDMPD/1	TAP	TAP
K6	TAP	TAP	TAP
K7	TAP	TAP	TAP
A1	TAP*	TAP	TAP
A2	TAP*	TAP	TAP
A3	MFDMPD/2	TAP	TAP
A4	TAP	TAP	TAP
A5	MFDMPD/1	TAP	TAP
A6	MFDMPD/1	TAP	TAP
A7	TAP	Nefrosis	TAP

DEPARTEMEN PENDIDIKAN NASIONAL
LABORATORIUM PATOLOGI
FAKULTAS KEDOKTERAN HEWAN
UNIVERSITAS GADJAH MADA
Jl. Fauna, Karangmalang, Yogyakarta 55281, Tlp. (0274) 9061103, 560862 Fax. 560861

Kode	Hati	Ginjal	Jantung
T1	MFDMPD/2	TAP	TAP
T2	TAP*	TAP	TAP
T3	TAP*	NET	TAP
T4	MFDMPD/1	TAP	TAP
T5	Degenerasi hidropik/3	TAP	TAP
T6	TAP*	TAP	TAP
T7	Degenerasi hidropik/3	TAP	TAP

Keterangan
1. TAP : Tidak ada perubahan patologis spesifik
2. Nefrosis ditandai kebengkakan sel epithel tubuli dengan vakuola berbatas tidak jelas di sitoplasma sehingga lumen tubuli tampak menyempit
3. NET : nekrosis epithel tubuli, ditandai adanya kematian sel yang disertai infiltrasi limfosit di sekitar are nekrosis
4. Degenerasi hidropik : ditandai kebengkakan sel dengan vakuola berbatas tidak jelas di sitoplasma
5. MFDMPD : Multifokal degenerasi melemak di sekitar pembuluh darah

*. Terlihat akumulasi glikogem yang diduga akibat tikus tidak dipuasa makan sebelum dieuthanasi

Demikian hasil ini dapat kami sampaikan. Atas kerjasamanya kami ucapkan terima kasih.

Ketua Departemen Patologi

Drh. Sitarina Widyarini, MP., Ph.D.
NIP. 196609161992032001

Lampiran 10. Hasil Analisis SPSS Berat Badan

Explore

Notes

Output Created		14-Aug-2019 20:52:40
Comments		
Input	Active Dataset	DataSet0
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	60
Missing Value Handling	Definition of Missing	User-defined missing values for dependent variables are treated as missing.
	Cases Used	Statistics are based on cases with no missing values for any dependent variable or factor used.
Syntax		EXAMINE VARIABLES=Hasil BY Kelompok /PLOT BOXPLOT HISTOGRAM NPPLOT SPREADLEVEL /COMPARE GROUP /STATISTICS DESCRIPTIVES /CINTERVAL 95 /MISSING LISTWISE /NOTOTAL.
Resources	Processor Time	00:00:04.797
	Elapsed Time	00:00:04.853

Case Processing Summary

		Cases					
		Valid		Missing		Total	
	Kelompok	N	Percent	N	Percent	N	Percent
Hasil	Normal	15	100.0%	0	.0%	15	100.0%
	Dosis 500mg/KgBB	15	100.0%	0	.0%	15	100.0%
	Dosis 5000 mg/KgBB	15	100.0%	0	.0%	15	100.0%
	Dosis 50.000 mg/KgBB	15	100.0%	0	.0%	15	100.0%

Descriptives

	Kelompok			Statistic	Std. Error
Hasil	Normal	Mean		33.2667	.88823
		95% Confidence Interval for Mean	Lower Bound	31.3616	
			Upper Bound	35.1717	
		5% Trimmed Mean		33.2591	
		Median		33.0000	
		Variance		11.834	
		Std. Deviation		3.44010	
		Minimum		28.00	
		Maximum		38.67	
		Range		10.67	
		Interquartile Range		5.84	
		Skewness		-.087	.580
		Kurtosis		-1.197	1.121
	Dosis 500 mg/KgBB	Mean		32.5780	.85877
		95% Confidence Interval for Mean	Lower Bound	30.7361	
			Upper Bound	34.4199	
		5% Trimmed Mean		32.5406	
		Median		32.3300	
		Variance		11.062	
		Std. Deviation		3.32599	
		Minimum		28.00	
		Maximum		37.83	
		Range		9.83	
		Interquartile Range		6.17	
		Skewness		.088	.580
		Kurtosis		-1.342	1.121
	Dosis 5000 mg/KgBB	Mean		32.7673	.92192
		95% Confidence Interval for Mean	Lower Bound	30.7900	
			Upper Bound	34.7447	
		5% Trimmed Mean		32.7320	
		Median		31.8300	
		Variance		12.749	

		Std. Deviation	3.57060	
		Minimum	28.17	
		Maximum	38.00	
		Range	9.83	
		Interquartile Range	7.33	
		Skewness	.245	.580
		Kurtosis	-1.482	1.121
	Dosis 50.0000 mg/KgBB	Mean	33.3787	.91274
		95% Confidence Interval for Mean — Lower Bound	31.4210	
		95% Confidence Interval for Mean — Upper Bound	35.3363	
		5% Trimmed Mean	33.3835	
		Median	33.0000	
		Variance	12.496	
		Std. Deviation	3.53501	
		Minimum	28.17	
		Maximum	38.50	
		Range	10.33	
		Interquartile Range	7.00	
		Skewness	.028	.580
		Kurtosis	-1.463	1.121

Tests of Normality

		Kolmogorov-Smirnov[a]			Shapiro-Wilk		
	Kelompok	Statistic	Df	Sig.	Statistic	df	Sig.
Hasil	Normal	.126	15	.200*	.956	15	.616
	Dosis 500 mg/KgBB	.114	15	.200*	.942	15	.408
	Dosis 5000 mg/KgBB	.140	15	.200*	.907	15	.122
	Dosis 50.000 mg/KgBB	.126	15	.200*	.931	15	.282

a. Lilliefors Significance Correction

*. This is a lower bound of the true significance.

Test of Homogeneity of Variance

		Levene Statistic	df1	df2	Sig.
Hasil	Based on Mean	.109	3	56	.954
	Based on Median	.073	3	56	.974
	Based on Median and with adjusted df	.073	3	55.027	.974
	Based on trimmed mean	.110	3	56	.954

Notes

Output Created		14-Aug-2019 21:04:04
Comments		
Input	Active Dataset	DataSet0
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	N of Rows in Working Data File	60
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics for each analysis are based on cases with no missing data for any variable in the analysis.
Syntax		ONEWAY Hasil BY Kelompok /STATISTICS DESCRIPTIVES HOMOGENEITY /MISSING ANALYSIS /POSTHOC=LSD ALPHA(0.05).
Resources	Processor Time	00:00:00.031
	Elapsed Time	00:00:00.084

Descriptives

Hasil

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Min	Max
					Lower Bound	Upper Bound		
Normal	15	33.2667	3.44010	.88823	31.3616	35.1717	28.00	38.67
Dosis 500 mg/KgBB	15	32.5780	3.32599	.85877	30.7361	34.4199	28.00	37.83
Dosis 5000 mg/KgBB	15	32.7673	3.57060	.92192	30.7900	34.7447	28.17	38.00
Dosis 50.000 mg/KgBB	15	33.3787	3.53501	.91274	31.4210	35.3363	28.17	38.50
Total	60	32.9977	3.39663	.43850	32.1202	33.8751	28.00	38.67

Test of Homogeneity of Variances

Hasil

Levene Statistic	df1	df2	Sig.
.109	3	56	.954

ANOVA

Hasil

	Sum of Squares	Df	Mean Square	F	Sig.
Between Groups	6.700	3	2.233	.186	.906
Within Groups	673.987	56	12.035		
Total	680.688	59			

Lampiran 11. SPSS Relatif Bobot Organ Hati

Oneway

Notes

Output Created		14-Aug-2019 21:29:12
Comments		
Input	Active Dataset	DataSet0
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	24
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics for each analysis are based on cases with no missing data for any variable in the analysis.
Syntax		ONEWAY Hasil BY Kelompok /STATISTICS DESCRIPTIVES /PLOT MEANS /MISSING ANALYSIS /POSTHOC=LSD ALPHA(0.05).
Resources	Processor Time	00:00:00.640
	Elapsed Time	00:00:00.371

Descriptives

Hasil

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
Normal	6	6.9783	.53585	.21876	6.4160	7.5407	6.06	7.62
Dosis 500 mg/KgBB	6	6.2267	.81188	.33145	5.3747	7.0787	5.36	7.56
Dosis 5000 mg/KgBB	6	6.2100	.57390	.23429	5.6077	6.8123	5.55	6.88
Dosis 50.000 mg/KgBB	6	6.3650	.72279	.29508	5.6065	7.1235	5.67	7.38
Total	24	6.4450	.70257	.14341	6.1483	6.7417	5.36	7.62

ANOVA

Hasil

	Sum of Squares	Df	Mean Square	F	Sig.
Between Groups	2.362	3	.787	1.752	.189
Within Groups	8.990	20	.450		
Total	11.353	23			

Notes

Output Created		14-Aug-2019 21:26:51
Comments		
Input	Active Dataset	DataSet0
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	24
Missing Value Handling	Definition of Missing	User-defined missing values for dependent variables are treated as missing.
	Cases Used	Statistics are based on cases with no missing values for any dependent variable or factor used.
Syntax		EXAMINE VARIABLES=Hasil BY Kelompok /PLOT BOXPLOT HISTOGRAM NPPLOT SPREADLEVEL /COMPARE GROUP /STATISTICS DESCRIPTIVES /CINTERVAL 95 /MISSING LISTWISE /NOTOTAL.
Resources	Processor Time	00:00:04.781
	Elapsed Time	00:00:04.751

Kelompok

Case Processing Summary

		Cases					
		Valid		Missing		Total	
	Kelompok	N	Percent	N	Percent	N	Percent
Hasil	Normal	6	100.0%	0	.0%	6	100.0%
	Dosis 500 mg/KgBB	6	100.0%	0	.0%	6	100.0%
	Dosis 5000 mg/KgBB	6	100.0%	0	.0%	6	100.0%
	Dosis 50.000 mg/KgBB	6	100.0%	0	.0%	6	100.0%

Descriptives

	Kelompok			Statistic	Std. Error
Hasil	Normal	Mean		6.9783	.21876
		95% Confidence Interval for Mean	Lower Bound	6.4160	
			Upper Bound	7.5407	
		5% Trimmed Mean		6.9937	
		Median		7.0150	
		Variance		.287	
		Std. Deviation		.53585	
		Minimum		6.06	
		Maximum		7.62	
		Range		1.56	
		Interquartile Range		.81	
		Skewness		-.897	.845
		Kurtosis		1.417	1.741
	Dosis 500 mg/KgBB	Mean		6.2267	.33145
		95% Confidence Interval for Mean	Lower Bound	5.3747	
			Upper Bound	7.0787	
		5% Trimmed Mean		6.2007	
		Median		6.1000	
		Variance		.659	
		Std. Deviation		.81188	
		Minimum		5.36	
		Maximum		7.56	
		Range		2.20	
		Interquartile Range		1.24	
		Skewness		.823	.845
		Kurtosis		.055	1.741
	Dosis 5000 mg/KgBB	Mean		6.2100	.23429
		95% Confidence Interval for Mean	Lower Bound	5.6077	
			Upper Bound	6.8123	
		5% Trimmed Mean		6.2094	
		Median		6.2800	
		Variance		.329	
		Std. Deviation		.57390	

		Minimum		5.55	
		Maximum		6.88	
		Range		1.33	
		Interquartile Range		1.09	
		Skewness		-.084	.845
		Kurtosis		-2.558	1.741
	Dosis 50.000 mg/KgBB	Mean		6.3650	.29508
		95% Confidence Interval for Mean	Lower Bound	5.6065	
			Upper Bound	7.1235	
		5% Trimmed Mean		6.3472	
		Median		6.1450	
		Variance		.522	
		Std. Deviation		.72279	
		Minimum		5.67	
		Maximum		7.38	
		Range		1.71	
		Interquartile Range		1.42	
		Skewness		.616	.845
		Kurtosis		-1.767	1.741

Tests of Normality

		Kolmogorov-Smirnov[a]			Shapiro-Wilk		
	Kelompok	Statistic	Df	Sig.	Statistic	df	Sig.
Hasil	Normal	.203	6	.200*	.942	6	.675
	Dosis 500 mg/KgBB	.234	6	.200*	.918	6	.495
	Dosis5000 mg/KgBB	.263	6	.200*	.873	6	.236
	Dosis 50.000 mg/KgBB	.235	6	.200*	.878	6	.259

a. Lilliefors Significance Correction

*. This is a lower bound of the true significance.

Test of Homogeneity of Variance

		Levene Statistic	df1	df2	Sig.
Hasil	Based on Mean	.841	3	20	.487
	Based on Median	.728	3	20	.547
	Based on Median and with adjusted df	.728	3	16.583	.549
	Based on trimmed mean	.861	3	20	.478

Lampiran 11. Dokumentasi Penelitian

Gambar 1. Proses Pengupasan

Gambar 2. Peninmbangan UBL

Gambar 3. Proses Pencucian

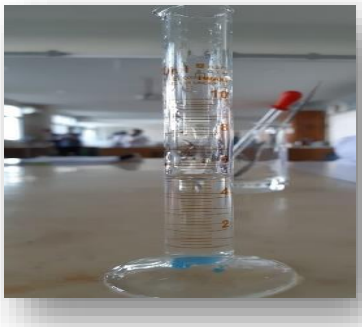
Gambar 4. Pemblenderan Umbi

Gambar 5. Maserasi

Gambar 6. Proses Penyaringan

Gambar 7. Proses Penguapan Pelarut

Gambar 8. Ekstrak Kental



Gambar 9. Larutan NaCMC

Gambar 10. Ekstrak 14 mg

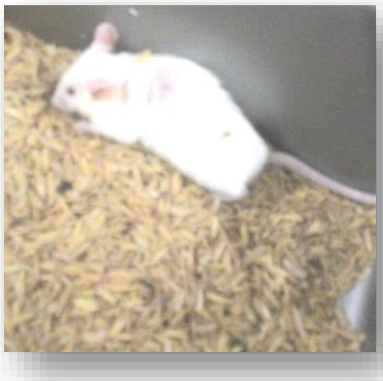
Gambar 11. Ekstrak 140 mg

Gambar 12. Ekstrak 1400 mg

Gambar 13. Larutan Stok Dosis

Gambar 14. Proses Penyondean

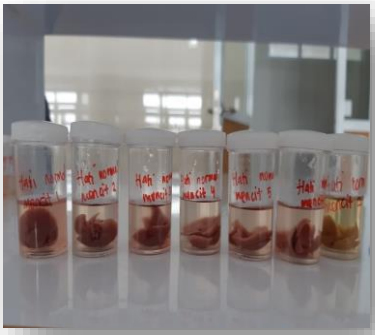
Gambar 15.Penimbangan BB Mencit



Gambar 16. Pengamatan Gejala

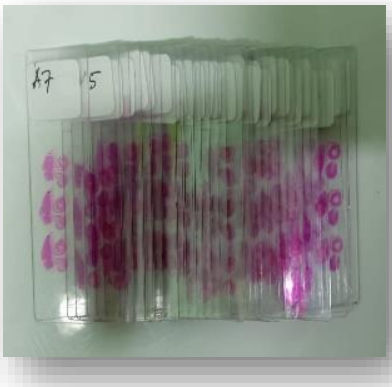
Gambar 17. Dislokasi Leher

Gambar 18. Pembedahan Mencit



Gambar 19. Organ Hati Mencit

Gambar 20. Penimbangan Organ Hati



Gambar 21. Preparat Organ Hati Mencit