

LAMPIRAN

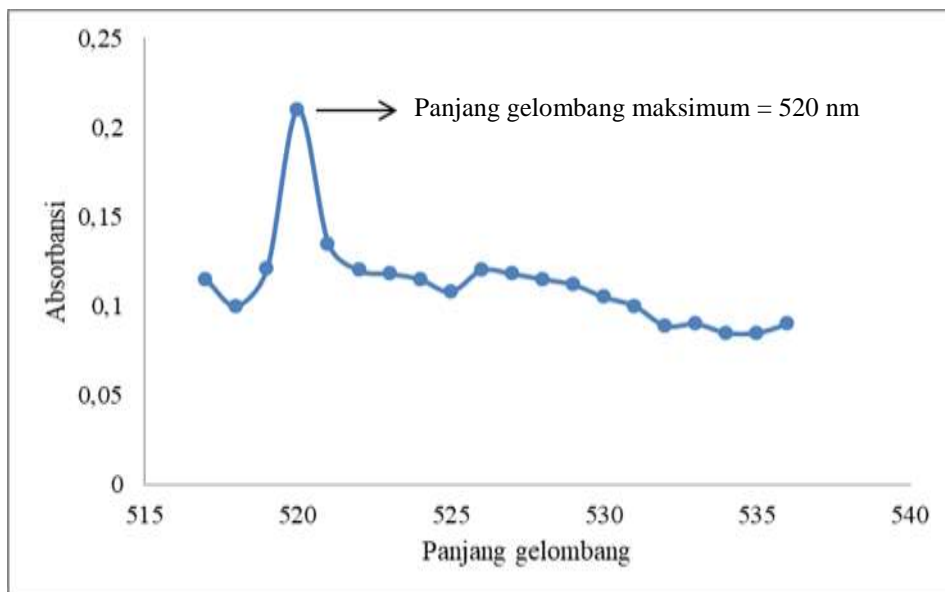
1. Tabel MDA Standart

Parameter	Konsentrasi TMP (ppm)	Absorbansi
Larutan Standar TMP	0,01	0,160
	0,02	0,245
	0,04	0,422
	0,06	0,559
	0,08	0,689
	0,1	0,936

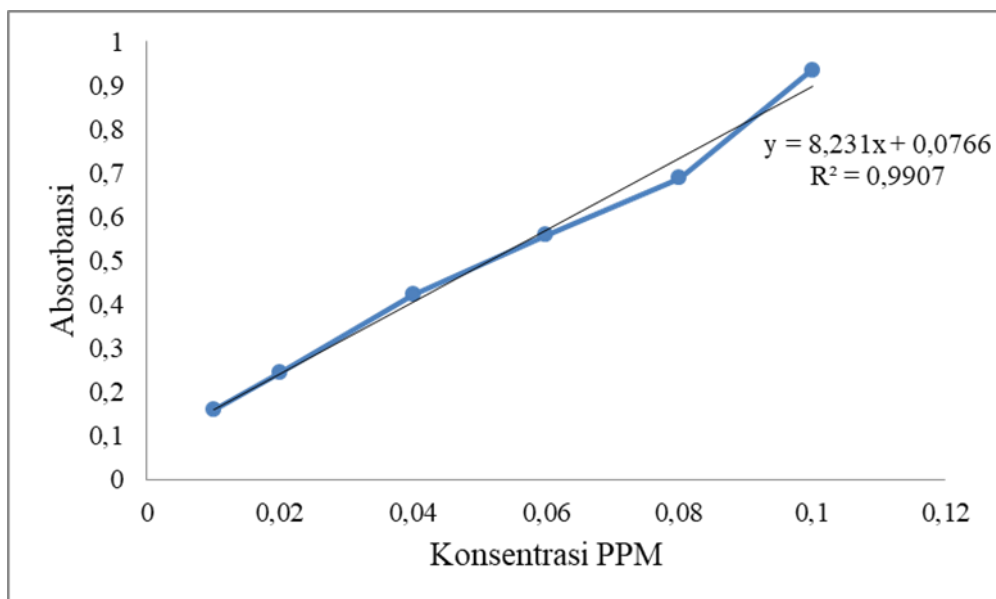
2. Tabel Panjang Gelombang Maksimum

Panjang Gelombang (nm)	Absorbansi
517	0,115
518	0,100
519	0,121
520	0,211
521	0,135
522	0,120
523	0,118
524	0,115
525	0,108
526	0,120
527	0,118
528	0,115
529	0,112
530	0,105
531	0,100
532	0,089
533	0,090
534	0,085
535	0,085
536	0,090

3. Gambar Kurva Panjang Gelombang Maksimum



4. Gambar Kurva Standart



5. Hasil Pemeriksaan Berat Badan Tikus

i. Berat Badan Tikus Tahap 1

Kelompok perlakuan	Jumlah tikus	Berat badan
Kn	1	113 gram
	2	115 gram
	3	110 gram
	4	113 gram
	5	117 gram
K-	1	112 gram

	2	110 gram
	3	110 gram
	4	116 gram
	5	115 gram
K+1	1	118 gram
	2	115 gram
	3	115 gram
	4	112 gram
	5	110 gram
K+2	1	112 gram
	2	115 gram
	3	113 gram
	4	113 gram
	5	120 gram
P1 Dosis 500 mg/kg bb	1	117 gram
	2	120 gram
	3	114 gram
	4	116 gram
	5	116 gram
P2 Dosis 750 mg/kg bb	1	120 gram
	2	120 gram
	3	115 gram
	4	117 gram
	5	115 gram
P3 Dosis 1000 mg/kg bb	1	115 gram
	2	114 gram
	3	118 gram
	4	115 gram
	5	112 gram

Statistics

	KN	KPC	KP1	KP2	P1	P2	P3
N Valid	5	5	5	5	5	5	5
Missing	0	0	0	0	0	0	0
Mean	1.1360E2	1.1260E2	1.1400E2	1.1460E2	1.1660E2	1.1740E2	1.1480E2
Std. Deviation	2.60768	2.79285	3.08221	3.20936	2.19089	2.50998	2.16795

ii. Berat Badan Tikus Tahap 2

Kelompok perlakuan	Jumlah tikus	Berat badan
Kn	1	113 gram
	2	117 gram
	3	110 gram
	4	115 gram
	5	120 gram

K-	1	110 gram
	2	108 gram
	3	112 gram
	4	118 gram
	5	115 gram
K+1	1	118 gram
	2	110 gram
	3	115 gram
	4	110 gram
	5	108 gram
K+2	1	112 gram
	2	114 gram
	3	114 gram
	4	113 gram
	5	118 gram
P1 Dosis 500 mg/kg bb	1	117 gram
	2	117 gram
	3	115 gram
	4	118 gram
	5	116 gram
P2 Dosis 750 mg/kg bb	1	120 gram
	2	118 gram
	3	115 gram
	4	115 gram
	5	116 gram
P3 Dosis 1000 mg/kg bb	1	118 gram
	2	115 gram
	3	118 gram
	4	115 gram
	5	115 gram

Statistics

	KN	KPC	KP1	KP2	P1	P2	P3
N Valid	5	5	5	5	5	5	5
Missing	0	0	0	0	0	0	0
Mean	1.1500E2	1.1260E2	1.1220E2	1.1420E2	1.1660E2	1.1680E2	1.1620E2
Std. Deviation	3.80789	3.97492	4.14729	2.28035	1.14018	2.16795	1.64317

iii. Berat Badan Tikus Tahap 3

Kelompok perlakuan	Jumlah tikus	Berat badan
Kn	1	115 gram
	2	117 gram
	3	113 gram
	4	115 gram

	5	115 gram
K-	1	110 gram
	2	113 gram
	3	115 gram
	4	118 gram
	5	-
K+1	1	120 gram
	2	113 gram
	3	117 gram
	4	115 gram
	5	110 gram
K+2	1	120 gram
	2	115 gram
	3	115 gram
	4	117 gram
	5	-
P1 Dosis 500 mg/kg bb	1	118 gram
	2	118 gram
	3	115 gram
	4	118 gram
	5	-
P2 Dosis 750 mg/kg bb	1	122 gram
	2	120 gram
	3	115 gram
	4	116 gram
	5	-
P3 Dosis 1000 mg/kg bb	1	120 gram
	2	116 gram
	3	115 gram
	4	115 gram
	5	-

Statistics

	KN	KPC	KP1	KP2	P1	P2	P3
N Valid	5	4	5	4	4	4	4
Missing	0	1	0	1	1	1	1
Mean	1.1500E2	1.1400E2	1.1500E2	1.1675E2	1.1725E2	1.1825E2	1.1650E2
Std. Deviation	1.41421	3.36650	3.80789	2.36291	1.50000	3.30404	2.38048

6. Hasil Pemeriksaan MDA

i. MDA Tahap 1

Kelompok Perlakuan	Jumlah Tikus	Blanko	Sampel	Hasil
Kn	1	0,070	0,259	0,189
	2	0,070	0,256	0,186

	3	0,070	0,242	0,172
	4	0,072	0,229	0,157
	5	0,074	0,263	0,189
K-	1	0,071	0,238	0,167
	2	0,071	0,233	0,162
	3	0,070	0,208	0,138
	4	0,073	0,249	0,176
	5	0,074	0,242	0,168
K+1	1	0,072	0,302	0,230
	2	0,072	0,300	0,228
	3	0,074	0,285	0,211
	4	0,070	0,301	0,231
	5	0,070	0,287	0,217
K+2	1	0,073	0,286	0,213
	2	0,074	0,286	0,212
	3	0,076	0,288	0,212
	4	0,070	0,272	0,202
	5	0,072	0,284	0,212
P1 Dosis 500 mg/kg bb	1	0,073	0,244	0,171
	2	0,073	0,201	0,128
	3	0,074	0,209	0,135
	4	0,074	0,265	0,191
	5	0,074	0,252	0,178
P2 Dosis 750 mg/kg bb	1	0,075	0,297	0,222
	2	0,072	0,306	0,234
	3	0,070	0,334	0,264
	4	0,071	0,305	0,234
	5	0,073	0,304	0,231
P3 Dosis 1000 mg/kg bb	1	0,073	0,301	0,228
	2	0,073	0,292	0,219
	3	0,070	0,294	0,224
	4	0,070	0,304	0,234
	5	0,070	0,312	0,242

Statistics

	KN	KPC	KP1	KP2	P1	P2	P3
N Valid	5	5	5	5	5	5	5
Missing	0	0	0	0	0	0	0
Mean	.1786	.1622	.2234	.2102	.1606	.2364	.2294
Std. Deviation	.01397	.01443	.00891	.00460	.02763	.01621	.00893

Tests of Normality							
KELOMPOK		Kolmogorov-Smirnov ^a			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
ABSADAPTASI	KN	.302	5	.154	.824	5	.125
	K-	.294	5	.180	.856	5	.215
	K+1	.297	5	.170	.851	5	.198
	K+2	.452	5	.001	.630	5	.002
	P1	.247	5	.200 [*]	.894	5	.379
	P2	.375	5	.021	.814	5	.104
	P3	.162	5	.200 [*]	.982	5	.943

Test Statistics ^b	
	ABSADAPTASI
Mann-Whitney U	.000
Wilcoxon W	15.000
Z	-2.619
Asymp. Sig. (2-tailed)	.009
Exact Sig. [2*(1-tailed Sig.)]	.008 ^a

ii. MDA Tahap 2

Kelompok Perlakuan	Jumlah Tikus	Blanko	Sampel	Hasil
Kn	1	0,081	0,275	0,194
	2	0,080	0,270	0,190
	3	0,080	0,280	0,200
	4	0,081	0,239	0,158
	5	0,082	0,238	0,156
K-	1	0,080	0,254	0,174
	2	0,081	0,245	0,164
	3	0,081	0,229	0,148
	4	0,081	0,259	0,178
	5	0,084	0,254	0,170
K+1	1	0,080	0,318	0,238
	2	0,081	0,308	0,227
	3	0,081	0,295	0,214
	4	0,080	0,295	0,215
	5	0,080	0,298	0,218
K+2	1	0,080	0,377	0,297
	2	0,080	0,323	0,243
	3	0,082	0,346	0,264
	4	0,084	0,346	0,262
	5	0,084	0,334	0,250
P1 Dosis 500 mg/kg bb	1	0,081	0,326	0,245
	2	0,081	0,375	0,294
	3	0,082	0,327	0,245
	4	0,080	0,320	0,240

	5	0,080	0,304	0,224
P2 Dosis 750 mg/kg bb	1	0,081	0,323	0,242
	2	0,082	0,324	0,242
	3	0,080	0,355	0,275
	4	0,080	0,353	0,273
	5	0,082	0,350	0,268
P3 Dosis 1000 mg/kg bb	1	0,083	0,377	0,294
	2	0,080	0,378	0,298
	3	0,084	0,378	0,294
	4	0,080	0,367	0,287
	5	0,081	0,362	0,281

Statistics

	KN	KPC	KP1	KP2	P1	P2	P3
N Valid	5	5	5	5	5	5	5
Missing	0	0	0	0	0	0	0
Mean	.1796	.1668	.2224	.2632	.2496	.2600	.2908
Std. Deviation	.02095	.01171	.01011	.02078	.02627	.01663	.00676

Tests of Normality

KELOMPOK		Kolmogorov-Smirnov ^a			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
ABSPARACETAMOL	KN	.290	5	.196	.820	5	.116
	K-	.208	5	.200 [*]	.910	5	.470
	K+1	.268	5	.200 [*]	.868	5	.259
	K+2	.285	5	.200 [*]	.893	5	.373
	P1	.369	5	.024	.825	5	.128
	P2	.285	5	.200 [*]	.782	5	.058
	P3	.282	5	.200 [*]	.923	5	.549

ANOVA

ABSPARACETAMOL					
	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	.063	6	.011	34.639	.000
Within Groups	.008	28	.000		
Total	.072	34			

iii. MDA Tahap 3

Kelompok Perlakuan	Jumlah Tikus	Blanko	Sampel	Hasil
Kn	1	0,074	0,227	0,153
	2	0,074	0,247	0,173
	3	0,070	0,249	0,179
	4	0,074	0,263	0,189
	5	0,072	0,240	0,168
K-	1	0,075	0,247	0,172
	2	0,074	0,227	0,153
	3	0,070	0,217	0,147
	4	0,073	0,236	0,163

	5	-	-	-
K+1	1	0,070	0,304	0,234
	2	0,073	0,290	0,217
	3	0,073	0,289	0,216
	4	0,074	0,294	0,220
	5	0,070	0,286	0,216
K+2	1	0,077	0,278	0,201
	2	0,078	0,264	0,186
	3	0,078	0,224	0,146
	4	0,075	0,240	0,165
	5	-	-	-
P1 Dosis 500 mg/kg bb	1	0,078	0,183	0,105
	2	0,078	0,189	0,111
	3	0,078	0,191	0,113
	4	0,074	0,202	0,128
	5	-	-	-
P2 Dosis 750 mg/kg bb	1	0,074	0,274	0,200
	2	0,074	0,288	0,214
	3	0,070	0,285	0,215
	4	0,073	0,288	0,215
	5	-	-	-
P3 Dosis 1000 mg/kg bb	1	0,073	0,225	0,152
	2	0,073	0,198	0,125
	3	0,077	0,218	0,141
	4	0,072	0,184	0,112
	5	-	-	-

Statistics

	KN	KPC	KP1	KP2	P1	P2	P3
N Valid	5	4	5	4	4	4	4
Missing	0	1	0	1	1	1	1
Mean	.1724	.1588	.2026	.1745	.1142	.2110	.1325
Std. Deviation	.01337	.01103	.04343	.02406	.00978	.00735	.01760

Tests of Normality

KELOMPOK		Kolmogorov-Smirnov ^a			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
ABSEKSTRAK	KN	.171	5	.200 [*]	.988	5	.972
	K-	.199	4	.	.974	4	.864
	K+1	.331	5	.077	.711	5	.012
	K+2	.184	4	.	.982	4	.911
	P1	.301	4	.	.908	4	.474
	P2	.408	4	.	.677	4	.006
	P3	.185	4	.	.979	4	.894

Test Statistics^b

	ABSEKSTRAK
Mann-Whitney U	.000
Wilcoxon W	10.000
Z	-2.449
Asymp. Sig. (2-tailed)	.014
Exact Sig. [2*(1-tailed Sig.)]	.016 ^a

7. Hasil Pemeriksaan BUN dan Kreatinin

i. BUN dan Kreatinin Tahap 1

Kelompok Perlakuan	Jumlah Tikus	Hasil	
		BUN	Kreatinin
Kn	1	22 mg/dL	0.33 mg/dL
	2	21 mg/dL	0.3 mg/dL
	3	19 mg/dL	0.37 mg/dL
	4	20 mg/dL	0.22 mg/dL
	5	23 mg/dL	0.27 mg/dL
K-	1	25 mg/dL	0.43 mg/dL
	2	21 mg/dL	0.44 mg/dL
	3	24 mg/dL	0.56 mg/dL
	4	22 mg/dL	0.60 mg/dL
	5	19 mg/dL	0.53 mg/dL
K+1	1	16 mg/dL	0.42 mg/dL
	2	17 mg/dL	0.56 mg/dL
	3	13 mg/dL	0.47 mg/dL
	4	15 mg/dL	0.47 mg/dL
	5	14 mg/dL	0.32 mg/dL
K+2	1	20 mg/dL	0.4 mg/dL
	2	16 mg/dL	0.6 mg/dL
	3	19 mg/dL	0.46 mg/dL
	4	19 mg/dL	0.5 mg/dL
	5	17 mg/dL	0.51 mg/dL
P1 Dosis 500 mg/kg bb	1	12 mg/dL	0.42 mg/dL
	2	10 mg/dL	0.48 mg/dL
	3	12 mg/dL	0.43 mg/dL
	4	12 mg/dL	0.43 mg/dL
	5	16 mg/dL	0.41 mg/dL
P2 Dosis 750 mg/kg bb	1	12 mg/dL	0.26 mg/dL
	2	14 mg/dL	0.27 mg/dL
	3	15 mg/dL	0.21 mg/dL
	4	12 mg/dL	0.28 mg/dL
	5	16 mg/dL	0.29 mg/dL
P3 Dosis 1000 mg/kg bb	1	14 mg/dL	0.29 mg/dL
	2	15 mg/dL	0.13 mg/dL

	3	13 mg/dL	0.3 mg/dL
	4	12 mg/dL	0.45 mg/dL
	5	12 mg/dL	0.1 mg/dL

a) Statistik BUN Tahap 1

Statistics								
		KN	KPC	KP1	KP2	P1	P2	P3
N	Valid	5	5	5	5	5	5	5
	Missing	0	0	0	0	0	0	0
Mean		21.0000	22.2000	15.0000	18.2000	12.4000	13.8000	13.2000
Std. Deviation		1.58114	2.38747	1.58114	1.64317	2.19089	1.78885	1.30384

Tests of Normality						
	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
KN	.136	5	.200 [*]	.987	5	.967
KPC	.175	5	.200 [*]	.974	5	.899
KP1	.136	5	.200 [*]	.987	5	.967
KP2	.287	5	.200 [*]	.914	5	.490
P1	.372	5	.022	.828	5	.135
P2	.243	5	.200 [*]	.894	5	.377
P3	.221	5	.200 [*]	.902	5	.421

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

a. Lilliefors Significance Correction

ANOVA

BUN_TAHAP_1

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	464.286	6	77.381	23.449	.000
Within Groups	92.400	28	3.300		
Total	556.686	34			

b) Statistik Kreatinin Tahap 1

Statistics								
		KN	KPC	KP1	KP2	P1	P2	P3
N	Valid	5	5	5	5	5	5	5
	Missing	0	0	0	0	0	0	0
Mean		.2980	.5112	.4480	.4940	.4340	.2620	.2540
Std. Deviation		.05718	.07347	.08758	.07335	.02702	.03114	.14223

Tests of Normality

	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
KN	.114	5	.200 [*]	.997	5	.997
KPC	.234	5	.200 [*]	.899	5	.403
KP1	.201	5	.200 [*]	.960	5	.805
KP2	.214	5	.200 [*]	.977	5	.918
P1	.359	5	.034	.820	5	.117
P2	.274	5	.200 [*]	.867	5	.254
P3	.208	5	.200 [*]	.925	5	.566

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

a. Lilliefors Significance Correction

ANOVA

KREATININ_TAHAP_1

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	.370	6	.062	9.894	.000
Within Groups	.175	28	.006		
Total	.545	34			

ii. BUN dan Kreatinin Tahap 2

Kelompok Perlakuan	Jumlah Tikus	Hasil	
		BUN	Kreatinin
Kn	1	23 mg/dL	0.32 mg/dL
	2	19 mg/dL	0.38 mg/dL
	3	17 mg/dL	0.35 mg/dL
	4	20 mg/dL	0.28 mg/dL
	5	19 mg/dL	0.2 mg/dL
K-	1	34 mg/dL	0.59 mg/dL
	2	32 mg/dL	0.57 mg/dL
	3	31 mg/dL	0.57 mg/dL
	4	34 mg/dL	0.63 mg/dL
	5	30 mg/dL	0.58 mg/dL
K+1	1	17 mg/dL	0.44 mg/dL
	2	19 mg/dL	0.55 mg/dL
	3	16 mg/dL	0.48 mg/dL
	4	18 mg/dL	0.44 mg/dL
	5	15 mg/dL	0.42 mg/dL
K+2	1	33 mg/dL	0.71 mg/dL
	2	37 mg/dL	0.79 mg/dL
	3	31 mg/dL	0.72 mg/dL
	4	30 mg/dL	0.49 mg/dL
	5	33 mg/dL	0.72 mg/dL

P1 Dosis 500 mg/kg bb	1	26 mg/dL	0.85 mg/dL
	2	27 mg/dL	0.67 mg/dL
	3	30 mg/dL	0.85 mg/dL
	4	30 mg/dL	0.93 mg/dL
	5	28 mg/dL	0.71 mg/dL
P2 Dosis 750 mg/kg bb	1	30 mg/dL	0.82 mg/dL
	2	28 mg/dL	0.88 mg/dL
	3	28 mg/dL	0.81 mg/dL
	4	29 mg/dL	0.89 mg/dL
	5	28 mg/dL	0.89 mg/dL
P3 Dosis 1000 mg/kg bb	1	45 mg/dL	0.98 mg/dL
	2	45 mg/dL	0.96 mg/dL
	3	44 mg/dL	0.93 mg/dL
	4	45 mg/dL	0.94 mg/dL
	5	46 mg/dL	0.96 mg/dL

a) Statistik BUN Tahap 2

Statistics

		KN	KPC	KP1	KP2	P1	P2	P3
N	Valid	5	5	5	5	5	5	5
	Missing	30	30	30	30	30	30	30
Mean		19.6000	32.2000	17.0000	32.8000	12.4000	28.6000	45.0000
Std. Deviation		2.19089	1.78885	1.58114	2.68328	2.19089	.89443	.70711

Tests of Normality

	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
KN	.228	5	.200 [*]	.932	5	.607
KPC	.243	5	.200 [*]	.894	5	.377
KP1	.136	5	.200 [*]	.987	5	.967
KP2	.270	5	.200 [*]	.916	5	.502
P1	.372	5	.022	.828	5	.135
P2	.349	5	.046	.771	5	.046
P3	.300	5	.161	.883	5	.325

^{*}. This is a lower bound of the true significance.

a. Lilliefors Significance Correction.

Test Statistics^a

	BUN_TAHAP _2
Mann-Whitney U	.000
Wilcoxon W	15.000
Z	-2.652
Asymp. Sig. (2-tailed)	.008
Exact Sig. [2*(1-tailed Sig.)]	.008 ^b

a. Grouping Variable:
KELOMPOK_PERLAKUAN

b. Not corrected for ties.

b) Statistik Kreatinin Tahap 2

Statistics

	KN	KPC	KP1	KP2	P1	P2	P3
N Valid	5	5	5	5	5	5	5
Missing	0	0	0	0	0	0	0
Mean	.3060	.5880	.4660	.6860	.8020	.8580	.9540
Std. Deviation	.06986	.02490	.05177	.11415	.10826	.03962	.01949

Tests of Normality

	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
KN	.179	5	.200 [*]	.955	5	.772
KPC	.268	5	.200 [*]	.806	5	.090
KP1	.292	5	.188	.861	5	.231
KP2	.383	5	.016	.781	5	.057
P1	.271	5	.200 [*]	.910	5	.470
P2	.311	5	.129	.782	5	.057
P3	.221	5	.200 [*]	.953	5	.758

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

a. Lilliefors Significance Correction

ANOVA

KRETININ_TAHAP_2

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	1.572	6	.262	52.578	.000
Within Groups	.140	28	.005		
Total	1.711	34			

iii. BUN dan Kreatinin Tahap 3

Kelompok Perlakuan	Jumlah Tikus	Hasil	
		BUN	Kreatinin
Kn	1	16 mg/dL	0.34 mg/dL
	2	18 mg/dL	0.33 mg/dL
	3	13 mg/dL	0.33 mg/dL
	4	16 mg/dL	0.35 mg/dL
	5	18 mg/dL	0.21 mg/dL
K-	1	43 mg/dL	0.65 mg/dL
	2	42 mg/dL	0.62 mg/dL
	3	45 mg/dL	0.64 mg/dL
	4	41 mg/dL	0.61 mg/dL
	5	-	-
K+1	1	18 mg/dL	0.58 mg/dL
	2	11 mg/dL	0.58 mg/dL
	3	18 mg/dL	0.44 mg/dL
	4	15 mg/dL	0.6 mg/dL
	5	16 mg/dL	0,47 mg/dL
K+2	1	14 mg/dL	0.57 mg/dL
	2	16 mg/dL	0.58 mg/dL
	3	19 mg/dL	0.51 mg/dL
	4	17 mg/dL	0.55 mg/dL
	5	-	-
P1 Dosis 500 mg/kg bb	1	18 mg/dL	0.15 mg/dL
	2	10 mg/dL	0.12 mg/dL
	3	16 mg/dL	0.16 mg/dL
	4	16 mg/dL	0.13 mg/dL
	5	-	-
P2 Dosis 750 mg/kg bb	1	20 mg/dL	0.25 mg/dL
	2	18 mg/dL	0.26 mg/dL
	3	21 mg/dL	0.20 mg/dL
	4	19 mg/dL	0.21 mg/dL
	5	-	-
P3 Dosis 1000 mg/kg bb	1	17 mg/dL	0.16 mg/dL
	2	12 mg/dL	0.13 mg/dL
	3	16 mg/dL	0.20 mg/dL
	4	18 mg/dL	0.20 mg/dL
	5	-	-

a) Statistik BUN Tahap 3

Statistics

		KN	KPC	KP1	KP2	P1	P2	P3
N	Valid	5	4	5	4	4	4	4
	Missing	0	1	0	1	1	1	1
Mean		16.20	42.75	15.60	16.50	15.00	19.50	15.75
Std. Deviation		2.049	1.708	2.881	2.082	3.464	1.291	2.630

Tests of Normality

KELOMPOK_PERLAKUA N		Kolmogorov-Smirnov ^a			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
BUN_TAHA3	KN	.261	5	.200*	.862	5	.236
	K-	.192	4	.	.971	4	.850
	K+1	.218	5	.200*	.871	5	.269
	K+2	.155	4	.	.998	4	.995
	P1	.364	4	.	.840	4	.195
	P2	.151	4	.	.993	4	.972
	P3	.288	4	.	.887	4	.369

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

a. Lilliefors Significance Correction

ANOVA

BUN_TAHA3

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	2461.200	6	410.200	70.671	.000
Within Groups	133.500	23	5.804		
Total	2594.700	29			

BUN_TAHA3

Tukey HSD^{a,b}

KELOMPOK_PERLAKUA N	N	Subset for alpha = 0.05	
		1	2
P1	4	15.00	
K+1	5	15.60	
P3	4	15.75	
KN	5	16.20	
K+2	4	16.50	
P2	4	19.50	
K-	4		42.75
Sig.		.138	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 4.242.

b. The group sizes are unequal. The harmonic mean of the group sizes is used. Type I error levels are not guaranteed.

b) Statistik Kreatinin Tahap 3

Statistics								
		KN	KPC	KP1	KP2	P1	P2	P3
N	Valid	5	4	5	4	4	4	4
	Missing	0	1	0	1	1	1	1
Mean		.3120	.6300	.5340	.5525	.1400	.2300	.1725
Std. Deviation		.05762	.01826	.07335	.03096	.01826	.02944	.03403

Tests of Normality						
	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
KN	.283	4	.	.863	4	.272
KPC	.208	4	.	.950	4	.714
KP1	.408	4	.	.737	4	.029
KP2	.218	4	.	.920	4	.538
P1	.208	4	.	.950	4	.714
P2	.252	4	.	.882	4	.348
P3	.290	4	.	.863	4	.271

a. Lilliefors Significance Correction

Test Statistics ^a	
	KREATININ_TAHAP_3
Mann-Whitney U	.000
Wilcoxon W	10.000
Z	-2.470
Asymp. Sig. (2-tailed)	.014
Exact Sig. [2*(1-tailed Sig.)]	.016 ^b

a. Grouping Variable:
KELOMPOK_PERLAKUAN

b. Not corrected for ties.

8. Hasil Pengamatan Makroskopis Ginjal Tikus

Kelompok	Jumlah tikus	Pengamatan		
		Warna	Konsistensi	Berat
Kn	1	Merah kecokelatan	Kenyal	1,07 g
	2	Merah kecokelatan	Kenyal	1,04 g
	3	Merah kecokelatan	Kenyal	1,08 g
	4	Merah kecokelatan	Kenyal	1,06 g
	5	Merah kecokelatan	Kenyal	1,02 g
K-	1	Merah kecokelatan	Kenyal	0,7 g
	2	Merah kecokelatan	Kenyal	0,69 g
	3	Merah kecokelatan	Kenyal	0,71 g
	4	Merah kecokelatan	Kenyal	0,78 g

	5	-	-	-
K+1	1	Merah kecokelatan	Kenyal	0,89 g
	2	Merah kecokelatan	Kenyal	0,9 g
	3	Merah kecokelatan	Kenyal	0,81 g
	4	Merah kecokelatan	Kenyal	0,88 g
	5	Merah kecokelatan	Kenyal	0,84 g
K+2	1	Merah kecokelatan	Kenyal	0,77 g
	2	Merah kecokelatan	Kenyal	0,79 g
	3	Merah kecokelatan	Kenyal	0,77 g
	4	Merah kecokelatan	Kenyal	0,7 g
	5	-	-	-
P1 Dosis 500 mg/kg bb	1	Merah kecokelatan	Kenyal	0,75 g
	2	Merah kecokelatan	Kenyal	0,8 g
	3	Merah kecokelatan	Kenyal	0,71 g
	4	Merah kecokelatan	Kenyal	0,81 g
	5	-	-	-
P2 Dosis 750 mg/kg bb	1	Merah kecokelatan	Kenyal	0,79 g
	2	Merah kecokelatan	Kenyal	0,76 g
	3	Merah kecokelatan	Kenyal	0,8 g
	4	Merah kecokelatan	Kenyal	0,79 g
	5	-	-	-
P3 Dosis 1000 mg/kg bb	1	Merah kecokelatan	Kenyal	1,02 g
	2	Merah kecokelatan	Kenyal	0,99 g
	3	Merah kecokelatan	Kenyal	0,98 g
	4	Merah kecokelatan	Kenyal	1 g
	5	-	-	-

Statistics

	KN	KPC	KP1	KP2	P1	P2	P3
N Valid	5	4	5	4	4	4	4
Missing	0	1	0	1	1	1	1
Mean	1.0540	.7200	.8640	.7575	.7675	.7850	.9975
Std. Deviation	.02408	.04082	.03782	.03948	.04646	.01732	.01708

9. Hasil Uji Fitokimia



KEMENTERIAN PENDIDIKAN, KEBUDAYAAN,
RISET, DAN TEKNOLOGI
UNIVERSITAS NEGERI SURABAYA
FAKULTAS MATEMATIKA DAN ILMU PENGETAHUAN ALAM
JURUSAN KIMIA
Kampus Ketintang, Jalan Ketintang Gedung C5,C6, Surabaya 60231
Telepon : +6231 - 8298761,
email : kimia@umsa.ac.id, Laman : <http://kimia.fmipa.unesa.ac.id>

Kode : Rafaiz Filaili Alhafiz (Teknologi Laboratorium Medis Umsida)
Analisis : Alkaloid, Flavonoid, Saponin, Steroid, Triterpenoid, Fenolik dan Tanin.
Sampel : Ekstrak Etanol 70% Kulit batang Turi (*Sesbania grandiflora*)
Metode : Fitokimia
Tanggal : 27 Agustus 2024

Uji Fitokimia	Pereaksi	Hasil (Terbentuknya)	Kesimpulan (+) / (-)
	Mayer	Endapan putih	+
Alkaloid	Wagner	Endapan coklat	+
	Dragendorf	Endapan jingga	+
Flavonoid	Mg + HCl pekat + etanol	Warna merah	+
Saponin	-	Adanya busa stabil	+
Steroid	Libermann-Burchard	Ungu ke biru/hijau	+
Triterpenoid	Kloroform + H ₂ SO ₄ pekat	Merah kecoklatan	+
Fenolik	NaCl 10% + Gelatin 1%	Endapan Putih	+
Tanin	FeCl ₃ 1%	Coklat kehijauan	+

Surabaya, 27 Agustus 2024

Laboran

Idah Dianah Wati, S.Pd

10. Sertifikat Uji Etik



**UNIVERSITAS AIRLANGGA FACULTY OF DENTAL MEDICINE
HEALTH RESEARCH ETHICAL CLEARANCE COMMISSION**

ETHICAL CLEARANCE CERTIFICATE
Number : 0873/HRECC.FODM/VIII/2024

Universitas Airlangga Faculty Of Dental Medicine Health Research
Ethical Clearance Commission has studied the proposed research
design carefully, Declared to be ethically appropriate in accordance to 7
(seven) WHO 2011, and therefore, shall herewith certify that the
research entitled :

**“Antioxidant Activity of Turi Bark Ekstract (*Sesbania
grandiflora* (L.) Pers.) Against Kidney Organs BUN and
Creatinine Parameters in Rats Induced by Toxic Doses of
Paracetamol”**

Principal Researcher : **RAFAIZ FILAILI ALHAFIZ**

Unit/Institution/Place of Research : - Muhammadiyah University of
Sidoarjo
- Surabaya State University

CERTIFIED TO BE ETHICALLY CLEARED


Surabaya, August 7, 2024
Chairman,

Prof. Dr. TAMARA YUNITA, drg., MS., Sp.KG(K)
Official No. 196006251986012002