

Lampiran 1

## **KONVERSI DOSIS**

### **Dosis Asetosal**

Dosis Asetosal= 30 mg / 100 g tikus (Wahjoedi,1989)

Konversi dari tikus 200g ke mencit 20g = 0,14

Dosis untuk tikus 200g =  $200/100 \times 30 \text{ mg} = 60 \text{ mg} / 0,5\text{ml}$

Dosis untuk mencit 20g =  $0.14 \times 60\text{mg} / 0.5\text{ml} = 8.4\text{mg} / 0,5 \text{ ml}$

Untuk mencit 42g =  $42/20 \times 8.4 = 17.64 \text{ ml} / 0,5\text{ml}$

### **Dosis pepton**

Dosis untuk tikus= 5 / 100 ml = 0.05ml

Konversi dosis untuk mencit 20g = 0,14

Dosis untuk mencit 20g =  $0.14 \times 0,05\text{ml} = 0,007\text{ml}$

Untuk mencit 42g =  $42 / 20 \times 0,007\text{ml} = 0,014\text{ml}$

### **Dosis Ekstrak Dadap serep**

Dosis untuk tikus adalah 140 mg/kg

Dosis untuk tikus 220 g =  $200/1000 \times 140 \text{ mg} = 28 \text{ mg}$

Konversi dosis untuk mencit 20 g = 0,14

Dosis untuk mencit 20 g =  $0,14 \times 28 \text{ mg} = 3,92 \text{ mg}$

Untuk mencit 42 g =  $42/20 \times 3,92 \text{ mg} = 8,232 \text{ mg}$

Dosis mencit =  $8,232 \text{ mg} / 0,5\text{cc} = 16,464 \text{ mg} / \text{cc}$   
 $= 1664 \text{ mg} / 1000 \text{ cc}$   
 $= 1,66 \%$

Dosis yang digunakan untuk percobaan adalah

Dosis 1 = 2,5%

Dosis 2 = 5 %

Dosis 3 = 10%

## Lampiran 2

### **Prosedur Pembuatan Ekstrak Dadap serep**

1. Pilih dan timbang simplicia (daun Dadap serep) sebanyak 25gr. Siapkan Alkohol absolute 1:1 (100 ml).
2. Rajang daun dadap lalu bungkus dengan kasa dan masukan ke dalam labu reaktor, pasang pada rangkaian soklet.
3. Panaskan hingga suhu 90°C. (Agar zat tidak rusak)
4. Kondensasikan dengan rangkaian kondensator pendingin air.
5. Hasil pendinginan ditampung di labu penampung dan dipanaskan kembali (90°C), dengan wadah terbuka, untuk dehidrasi
6. Periksa dengan indikator alkohol, ekstrak didapat bila sudah bebas alkohol.
7. Ekstrak etanol Dadap serep 25% siap digunakan.

Lampiran 3  
**Hasil pengamatan suhu tubuh mencit selama 3,5 jam**

	normal	pepton	30'	60'	90'	120'	150'	180'	210'	rerata
Kontrol (-)	36,4	39	37,7	37,2	37,2	37	36,8	36,3	36,3	36,9
	35,9	37,2	37,4	36,8	37,3	36,5	36,5	36,3	36,1	36,7
	36,7	39,4	37,2	37,9	37,9	37,2	36,7	36,6	36	37,1
	37,1	37,6	38,9	38,4	37,7	37,6	37,3	36,8	36,7	37,6
	36,8	37,9	38,4	38,5	37,7	36,9	36,7	36,5	36,5	37,3
	36,58	38,22	37,92	37,76	37,56	37,04	36,8	36,5	36,32	37,1
Kontrol (+)	37	38,9	38,1	38	37,2	37,2	36,9	36,9	36,8	37,3
	37,3	38,1	38,7	38,5	38	37,8	37,2	36,8	36,6	37,7
	36,5	38,7	38,4	38,3	37,7	36,9	36,3	35,9	35,7	37,0
	35,8	37,7	38,3	37,5	37,1	36,6	35,7	35,3	35,3	36,5
	36,4	37,4	38,1	38,5	36,8	36,9	35,5	35,4	35,2	36,6
	36,6	38,16	38,32	38,16	37,36	37,08	36,32	36,06	35,92	37,0
Dosis I (2,5%)	36,8	37,8	36,4	37,5	37,2	35,5	35,2	35,1	35	36,0
	36,8	37	36,2	37,4	36,6	35,3	35,1	35,1	34,7	35,8
	37,2	38,3	36,7	37,3	37,1	37,7	36,4	36	35,2	36,6
	36,2	37,1	37	38,2	37,8	37	36,8	36,2	35,7	37,0
	37,3	37,7	36,7	37,2	37,1	36,8	36,7	36,3	36,1	36,7
	36,86	37,58	36,6	37,52	37,16	36,46	36,04	35,74	35,34	36,4
Dosis II (5%)	37,1	37,6	35,9	36,9	35,6	36,6	36,1	35,5	35,1	36,0
	36,5	38,6	36,1	38,3	37,8	37,2	37,1	36,7	36,1	37,0
	36,7	37,7	37,2	37	36,4	36,5	36,2	35,8	35,3	36,3
	37,3	37,6	36,4	38	36,9	36,3	35,8	35,2	35,1	36,2
	36,1	36,7	36,1	37,4	36,8	36,5	36,3	35,9	35,5	36,4
	36,74	37,64	36,34	37,52	36,7	36,62	36,3	35,82	35,42	36,4
Dosis III (10%)	35,9	37,8	36,5	37,2	37	36,5	36,3	35,6	35,5	36,4
	36,2	37,5	36	36,4	36,1	36	35,8	35,1	35	35,8
	34,5	36,8	35,6	36,2	36,1	36	35,7	35,1	34,7	35,6
	35,9	38,1	37,9	37,8	37,2	37	36,7	36,1	35,8	36,9
	36,9	39,3	36,4	37,1	35,9	35,5	35,3	35	35	35,7
	35,88	37,9	36,48	36,94	36,46	36,2	35,96	35,38	35,2	36,1

## Lampiran 4

**Hasil pengamatan suhu mencit setelah 3,5 jam (LN)**

	normal	pepton	30'	60'	90'	120'	150'	180'	210'	rerata
Kontrol (-)	3.594	3.663	3.629	3.616	3.616	3.611	3.605	3.591	3.591	3.608
	3.581	3.616	3.621	3.605	3.618	3.597	3.597	3.591	3.586	3.602
	3.602	3.673	3.616	3.634	3.634	3.616	3.602	3.6	3.583	3.612
	3.613	3.627	3.661	3.648	3.629	3.627	3.618	3.605	3.602	3.627
	3.605	3.634	3.648	3.651	3.629	3.608	3.602	3.597	3.597	3.619
	3.599	3.6426	3.635	3.6308	3.6252	3.6118	3.6048	3.5968	3.5918	3.614
Kontrol (+)	3.611	3.661	3.64	3.637	3.616	3.616	3.608	3.608	3.605	3.619
	3.618	3.64	3.655	3.651	3.637	3.632	3.616	3.605	3.6	3.628
	3.597	3.655	3.648	3.645	3.629	3.608	3.591	3.581	3.575	3.611
	3.77	3.629	3.645	3.624	3.613	3.6	3.575	3.563	3.563	3.598
	3.594	3.621	3.64	3.651	3.605	3.608	3.569	3.566	3.561	3.6
	3.638	3.6412	3.6456	3.6416	3.62	3.6128	3.5918	3.5846	3.5808	3.611
Dosis I (2,5%)	3.605	3.632	3.594	3.624	3.616	3.569	3.561	3.558	3.555	3.582
	3.605	3.611	3.589	3.621	3.6	3.563	3.558	3.558	3.546	3.576
	3.616	3.645	3.602	3.618	3.613	3.629	3.594	3.583	3.561	3.6
	3.589	3.613	3.611	3.642	3.632	3.611	3.605	3.589	3.575	3.609
	3.618	3.629	3.602	3.616	3.613	3.605	3.602	3.591	3.586	3.602
	3.6066	3.626	3.5996	3.6242	3.6148	3.5954	3.584	3.5758	3.5646	3.594
Dosis II (5%)	3.613	3.627	3.581	3.608	3.572	3.6	3.586	3.569	3.558	3.582
	3.597	3.653	3.586	3.645	3.632	3.616	3.613	3.602	3.586	3.611
	3.602	3.629	3.616	3.611	3.594	3.597	3.589	3.577	3.563	3.592
	3.618	3.627	3.594	3.637	3.608	3.591	3.577	3.561	3.558	3.589
	3.586	3.602	3.586	3.621	3.605	3.597	3.591	3.581	3.569	3.593
	3.6032	3.6276	3.5926	3.6244	3.6022	3.6002	3.5912	3.578	3.5668	3.594
Dosis III (10%)	3.581	3.632	3.597	3.616	3.611	3.597	3.591	3.572	3.569	3.593
	3.589	3.624	3.583	3.594	3.586	3.583	3.577	3.558	3.555	3.577
	3.541	3.605	3.572	3.589	3.586	3.583	3.575	3.558	3.546	3.573
	3.581	3.64	3.634	3.632	3.616	3.611	3.602	3.586	3.577	3.608
	3.608	3.671	3.594	3.613	3.581	3.569	3.563	3.555	3.555	3.576
	3.58	3.6344	3.596	3.6088	3.596	3.5886	3.5816	3.5658	3.5604	3.585

## Lampiran 5

**Hasil perhitungan uji t berpasangan suhu sesudah induksi pepton****t-Test****Paired Samples Statistics**

		Mean	N	Std. Deviation	Std. Error Mean
Pair 1	Suhu Normal	3,593120	25	,0217722	,0043544
	Suhu Pepton	3,649640	25	,0155319	,0031064

**Paired Samples Correlations**

		N	Correlation	Sig.
Pair 1	Suhu Normal & Suhu Pepton	25	,174	,407

**Paired Samples Test**

		Paired Differences					t	df	Sig. (2-tailed)
		Mean	Std. Deviation	Std. Error Mean	95% Confidence Interval of the Difference				
					Lower	Upper			
Pair 1	Suhu Normal – Suhu Pepton	-,0565200	,0244508	,0048902	-,0666128	-,0464272	-11,558	24	,000

## Lampiran 6

## Hasil ANAVA satu arah suhu rerata sesudah induksi pepton

## Oneway

## Descriptives

Suhu sesudah diberi pepton

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
Kontrol (+)	5	3,648200	,0152709	,0068293	3,629239	3,667161	3,6320	3,6660
Kontrol (-)	5	3,652000	,0179165	,0080125	3,629754	3,674246	3,6240	3,6690
Dosis I (2,5%)	5	3,650400	,0170529	,0076263	3,629226	3,671574	3,6290	3,6660
Dosis II (5%)	5	3,655400	,0123004	,0055009	3,640127	3,670673	3,6430	3,6740
Dosis III (10%)	5	3,642200	,0181714	,0081265	3,619637	3,664763	3,6140	3,6580
Total	25	3,649640	,0155319	,0031064	3,643229	3,656051	3,6140	3,6740

## Test of Homogeneity of Variances

Suhu sesudah diberi pepton

Levene Statistic	df1	df2	Sig.
,441	4	20	,777

## ANOVA

Suhu sesudah diberi pepton

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	,000	4	,000	,456	,767
Within Groups	,005	20	,000		
Total	,006	24			

## Post Hoc Tests

### Multiple Comparisons

Dependent Variable: Suhu sesudah diberi pepton  
Tukey HSD

(I) Kelompok Perlakuan	(J) Kelompok Perlakuan	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
Kontrol (+)	Kontrol (-)	-,0038000	,0103015	,996	-,034626	,027026
	Dosis I (2,5%)	-,0022000	,0103015	,999	-,033026	,028626
	Dosis II (5%)	-,0072000	,0103015	,954	-,038026	,023626
	Dosis III (10%)	,0060000	,0103015	,976	-,024826	,036826
Kontrol (-)	Kontrol (+)	,0038000	,0103015	,996	-,027026	,034626
	Dosis I (2,5%)	,0016000	,0103015	1,000	-,029226	,032426
	Dosis II (5%)	-,0034000	,0103015	,997	-,034226	,027426
	Dosis III (10%)	,0098000	,0103015	,873	-,021026	,040626
Dosis I (2,5%)	Kontrol (+)	,0022000	,0103015	,999	-,028626	,033026
	Kontrol (-)	-,0016000	,0103015	1,000	-,032426	,029226
	Dosis II (5%)	-,0050000	,0103015	,988	-,035826	,025826
	Dosis III (10%)	,0082000	,0103015	,929	-,022626	,039026
Dosis II (5%)	Kontrol (+)	,0072000	,0103015	,954	-,023626	,038026
	Kontrol (-)	,0034000	,0103015	,997	-,027426	,034226
	Dosis I (2,5%)	,0050000	,0103015	,988	-,025826	,035826
	Dosis III (10%)	,0132000	,0103015	,705	-,017626	,044026
Dosis III (10%)	Kontrol (+)	-,0060000	,0103015	,976	-,036826	,024826
	Kontrol (-)	-,0098000	,0103015	,873	-,040626	,021026
	Dosis I (2,5%)	-,0082000	,0103015	,929	-,039026	,022626
	Dosis II (5%)	-,0132000	,0103015	,705	-,044026	,017626

## Homogeneous Subsets

Suhu sesudah diberi pepton

Tukey HSD

Kelompok Perlakuan	N	Subset for alpha = .05
		1
Dosis III (10%)	5	3,642200
Kontrol (+)	5	3,648200
Dosis I (2,5%)	5	3,650400
Kontrol (-)	5	3,652000
Dosis II (5%)	5	3,655400
Sig.		,705

Means for groups in homogeneous subsets are displayed.  
a Uses Harmonic Mean Sample Size = 5,000.

## Lampiran 7

**Hasil ANAVA satu arah suhu total rerata selama 3,5 jam****Oneway****Descriptives****Suhu rata-rata**

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
Kontrol (+)	5	3,609057	,0148707	,0066504	3,590593	3,627522	3,5840	3,6217
Kontrol (-)	5	3,646314	,0181179	,0081026	3,623818	3,668811	3,6169	3,6601
Dosis I (2,5%)	5	3,636029	,0127948	,0057220	3,620142	3,651915	3,6213	3,6476
Dosis II (5%)	5	3,618629	,0052242	,0023363	3,612142	3,625115	3,6121	3,6239
Dosis III (10%)	5	3,607257	,0120739	,0053996	3,592265	3,622249	3,5937	3,6190
Total	25	3,623457	,0198040	,0039608	3,615282	3,631632	3,5840	3,6601

**Test of Homogeneity of Variances****Suhu rata-rata**

Levene Statistic	df1	df2	Sig.
1,433	4	20	,260

**ANOVA****Suhu rata-rata**

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	,006	4	,001	8,277	,000
Within Groups	,004	20	,000		
Total	,009	24			



## Lampiran 8

### Hasil uji beda rerata Tukey HSD

#### Multiple Comparisons

Dependent Variable: Suhu rata-rata  
Tukey HSD

(I) Kelompok Perlakuan	(J) Kelompok Perlakuan	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
Kontrol (+)	Kontrol (-)	-,0372571(*)	,0084199	,452	-,062453	-,012062
	Dosis I (2,5%)	-,0269714(*)	,0084199	,152	-,052167	-,001776
	Dosis II (5%)	-,0095714	,0084199	,786	-,034767	,015624
	Dosis III (10%)	,0018000	,0084199	,043	-,023395	,026995
Kontrol (-)	Kontrol (+)	,0372571(*)	,0084199	,452	,012062	,062453
	Dosis I (2,5%)	,0102857	,0084199	,059	-,014910	,035481
	Dosis II (5%)	,0276857(*)	,0084199	,027	,002490	,052881
	Dosis III (10%)	,0390571(*)	,0084199	,001	,013862	,064253
Dosis I (2,5%)	Kontrol (+)	,0269714(*)	,0084199	,152	,001776	,052167
	Kontrol (-)	-,0102857	,0084199	,059	-,035481	,014910
	Dosis II (5%)	,0174000	,0084199	,272	-,007795	,042595
	Dosis III (10%)	,0287714(*)	,0084199	,220	,003576	,053967
Dosis II (5%)	Kontrol (+)	,0095714	,0084199	,786	-,015624	,034767
	Kontrol (-)	-,0276857(*)	,0084199	,027	-,052881	-,002490
	Dosis I (2,5%)	-,0174000	,0084199	,272	-,042595	,007795
	Dosis III (10%)	,0113714	,0084199	,664	-,013824	,036567
Dosis III (10%)	Kontrol (+)	-,0018000	,0084199	,043	-,026995	,023395
	Kontrol (-)	-,0390571(*)	,0084199	,001	-,064253	-,013862
	Dosis I (2,5%)	-,0287714(*)	,0084199	,220	-,053967	-,003576
	Dosis II (5%)	-,0113714	,0084199	,664	-,036567	,013824

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

### Homogeneous Subsets

Suhu rata-rata

Tukey HSD

Kelompok Perlakuan	N	Subset for alpha = .05		
		1	2	3
Dosis III (10%)	5	3,607257		
Kontrol (+)	5	3,609057		
Dosis II (5%)	5	3,618629	3,618629	
Dosis I (2,5%)	5		3,636029	3,636029
Kontrol (-)	5			3,646314
Sig.		,664	,272	,739

Means for groups in homogeneous subsets are displayed.

a Uses Harmonic Mean Sample Size = 5,000.

## Lampiran 9

## Hasil analisa suhu dengan interval 30 menit selama 3,5 jam

## Oneway

## Descriptives

## Suhu setelah 30 menit

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
Kontrol (+)	5	3,634800	,0131034	,0058600	3,618530	3,651070	3,6220	3,6530
Kontrol (-)	5	3,651200	,0188997	,0084522	3,627733	3,674667	3,6220	3,6690
Dosis I (2,5%)	5	3,647200	,0153851	,0068804	3,628097	3,666303	3,6290	3,6610
Dosis II (5%)	5	3,650400	,0110589	,0049457	3,636669	3,664131	3,6370	3,6660
Dosis III (10%)	5	3,633800	,0205597	,0091946	3,608272	3,659328	3,6030	3,6560
Total	25	3,643480	,0167011	,0033402	3,636586	3,650374	3,6030	3,6690

## Test of Homogeneity of Variances

## Suhu setelah 30 menit

Levene Statistic	df1	df2	Sig.
,701	4	20	,600

## ANOVA

## Suhu setelah 30 menit

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	,001	4	,000	1,385	,275
Within Groups	,005	20	,000		
Total	,007	24			

## POST HOC TEST

### Multiple Comparisons

Dependent Variable: Suhu setelah 30 menit  
Tukey HSD

(I) Kelompok Perlakuan	(J) Kelompok Perlakuan	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
Kontrol (+)	Kontrol (-)	-,0164000	,0102395	,513	-,047041	,014241
	Dosis I (2,5%)	-,0124000	,0102395	,745	-,043041	,018241
	Dosis II (5%)	-,0156000	,0102395	,560	-,046241	,015041
	Dosis III (10%)	,0010000	,0102395	1,000	-,029641	,031641
Kontrol (-)	Kontrol (+)	,0164000	,0102395	,513	-,014241	,047041
	Dosis I (2,5%)	,0040000	,0102395	,995	-,026641	,034641
	Dosis II (5%)	,0008000	,0102395	1,000	-,029841	,031441
	Dosis III (10%)	,0174000	,0102395	,457	-,013241	,048041
Dosis I (2,5%)	Kontrol (+)	,0124000	,0102395	,745	-,018241	,043041
	Kontrol (-)	-,0040000	,0102395	,995	-,034641	,026641
	Dosis II (5%)	-,0032000	,0102395	,998	-,033841	,027441
	Dosis III (10%)	,0134000	,0102395	,689	-,017241	,044041
Dosis II (5%)	Kontrol (+)	,0156000	,0102395	,560	-,015041	,046241
	Kontrol (-)	-,0008000	,0102395	1,000	-,031441	,029841
	Dosis I (2,5%)	,0032000	,0102395	,998	-,027441	,033841
	Dosis III (10%)	,0166000	,0102395	,502	-,014041	,047241
Dosis III (10%)	Kontrol (+)	-,0010000	,0102395	1,000	-,031641	,029641
	Kontrol (-)	-,0174000	,0102395	,457	-,048041	,013241
	Dosis I (2,5%)	-,0134000	,0102395	,689	-,044041	,017241
	Dosis II (5%)	-,0166000	,0102395	,502	-,047241	,014041

## HOMOGENEOUS SUBSETS

Suhu setelah 30 menit

Tukey HSD

Kelompok Perlakuan	N	Subset for alpha = .05
		1
Dosis III (10%)	5	3,633800
Kontrol (+)	5	3,634800
Dosis I (2,5%)	5	3,647200
Dosis II (5%)	5	3,650400
Kontrol (-)	5	3,651200
Sig.		,457

Means for groups in homogeneous subsets are displayed.  
a Uses Harmonic Mean Sample Size = 5,000.

## Hasil analisis suhu rerata pada pengamatan menit ke-60

### Oneway

#### Descriptives

Suhu setelah 60 menit

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
Kontrol (+)	5	3,621000	,0153948	,0068848	3,601885	3,640115	3,6000	3,6400
Kontrol (-)	5	3,648800	,0201296	,0090022	3,623806	3,673794	3,6190	3,6660
Dosis I (2,5%)	5	3,641800	,0131605	,0058856	3,625459	3,658141	3,6270	3,6550
Dosis II (5%)	5	3,636400	,0127201	,0056886	3,620606	3,652194	3,6220	3,6530
Dosis III (10%)	5	3,625000	,0180693	,0080808	3,602564	3,647436	3,6000	3,6450
Total	25	3,634600	,0181246	,0036249	3,627119	3,642081	3,6000	3,6660

#### Test of Homogeneity of Variances

Suhu setelah 60 menit

Levene Statistic	df1	df2	Sig.
,728	4	20	,583

#### ANOVA

Suhu setelah 60 menit

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	,003	4	,001	2,559	,070
Within Groups	,005	20	,000		
Total	,008	24			

## Post Hoc Tests

### Multiple Comparisons

Dependent Variable: Suhu setelah 60 menit  
Tukey HSD

(I) Kelompok Perlakuan	(J) Kelompok Perlakuan	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
Kontrol (+)	Kontrol (-)	-,0278000	,0102125	,086	-,058360	,002760
	Dosis I (2,5%)	-,0208000	,0102125	,285	-,051360	,009760
	Dosis II (5%)	-,0154000	,0102125	,569	-,045960	,015160
	Dosis III (10%)	-,0040000	,0102125	,995	-,034560	,026560
Kontrol (-)	Kontrol (+)	,0278000	,0102125	,086	-,002760	,058360
	Dosis I (2,5%)	,0070000	,0102125	,957	-,023560	,037560
	Dosis II (5%)	,0124000	,0102125	,743	-,018160	,042960
	Dosis III (10%)	,0238000	,0102125	,176	-,006760	,054360
Dosis I (2,5%)	Kontrol (+)	,0208000	,0102125	,285	-,009760	,051360
	Kontrol (-)	-,0070000	,0102125	,957	-,037560	,023560
	Dosis II (5%)	,0054000	,0102125	,983	-,025160	,035960
	Dosis III (10%)	,0168000	,0102125	,488	-,013760	,047360
Dosis II (5%)	Kontrol (+)	,0154000	,0102125	,569	-,015160	,045960
	Kontrol (-)	-,0124000	,0102125	,743	-,042960	,018160
	Dosis I (2,5%)	-,0054000	,0102125	,983	-,035960	,025160
	Dosis III (10%)	,0114000	,0102125	,796	-,019160	,041960
Dosis III (10%)	Kontrol (+)	,0040000	,0102125	,995	-,026560	,034560
	Kontrol (-)	-,0238000	,0102125	,176	-,054360	,006760
	Dosis I (2,5%)	-,0168000	,0102125	,488	-,047360	,013760
	Dosis II (5%)	-,0114000	,0102125	,796	-,041960	,019160

## Homogeneous Subsets

Suhu setelah 60 menit

Tukey HSD

Kelompok Perlakuan	N	Subset for alpha = .05
		1
Kontrol (+)	5	3,621000
Dosis III (10%)	5	3,625000
Dosis II (5%)	5	3,636400
Dosis I (2,5%)	5	3,641800
Kontrol (-)	5	3,648800
Sig.		,086

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 5,000.

## Hasil analisis suhu rerata pada pengamatan menit ke-90

### Oneway

#### Descriptives

Suhu setelah 90 menit

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
Kontrol (+)	5	3,605400	,0169647	,0075868	3,584336	3,626464	3,5780	3,6190
Kontrol (-)	5	3,647600	,0182291	,0081523	3,624966	3,670234	3,6190	3,6630
Dosis I (2,5%)	5	3,639400	,0128957	,0057671	3,623388	3,655412	3,6240	3,6530
Dosis II (5%)	5	3,621800	,0070143	,0031369	3,613091	3,630509	3,6110	3,6290
Dosis III (10%)	5	3,616600	,0127201	,0056886	3,600806	3,632394	3,6000	3,6320
Total	25	3,626160	,0202807	,0040561	3,617789	3,634531	3,5780	3,6630

#### Test of Homogeneity of Variances

Suhu setelah 90 menit

Levene Statistic	df1	df2	Sig.
1,460	4	20	,251

#### ANOVA

Suhu setelah 90 menit

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	,006	4	,001	7,371	,001
Within Groups	,004	20	,000		
Total	,010	24			

## Post Hoc Tests

### Multiple Comparisons

Dependent Variable: Suhu setelah 90 menit

Tukey HSD

(I) Kelompok Perlakuan	(J) Kelompok Perlakuan	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
Kontrol (+)	Kontrol (-)	-,0422000(*)	,0089326	,001	-,068930	-,015470
	Dosis I (2,5%)	-,0340000(*)	,0089326	,009	-,060730	-,007270
	Dosis II (5%)	-,0164000	,0089326	,382	-,043130	,010330
	Dosis III (10%)	-,0112000	,0089326	,721	-,037930	,015530
Kontrol (-)	Kontrol (+)	,0422000(*)	,0089326	,001	,015470	,068930
	Dosis I (2,5%)	,0082000	,0089326	,887	-,018530	,034930
	Dosis II (5%)	,0258000	,0089326	,062	-,000930	,052530
	Dosis III (10%)	,0310000(*)	,0089326	,018	,004270	,057730
Dosis I (2,5%)	Kontrol (+)	,0340000(*)	,0089326	,009	,007270	,060730
	Kontrol (-)	-,0082000	,0089326	,887	-,034930	,018530
	Dosis II (5%)	,0176000	,0089326	,315	-,009130	,044330
	Dosis III (10%)	,0228000	,0089326	,118	-,003930	,049530
Dosis II (5%)	Kontrol (+)	,0164000	,0089326	,382	-,010330	,043130
	Kontrol (-)	-,0258000	,0089326	,062	-,052530	,000930
	Dosis I (2,5%)	-,0176000	,0089326	,315	-,044330	,009130
	Dosis III (10%)	,0052000	,0089326	,976	-,021530	,031930
Dosis III (10%)	Kontrol (+)	,0112000	,0089326	,721	-,015530	,037930
	Kontrol (-)	-,0310000(*)	,0089326	,018	-,057730	-,004270
	Dosis I (2,5%)	-,0228000	,0089326	,118	-,049530	,003930
	Dosis II (5%)	-,0052000	,0089326	,976	-,031930	,021530

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

## Homogeneous Subsets

Suhu setelah 90 menit

Tukey HSD

Kelompok Perlakuan	N	Subset for alpha = .05		
		1	2	3
Kontrol (+)	5	3,605400		
Dosis III (10%)	5	3,616600	3,616600	
Dosis II (5%)	5	3,621800	3,621800	3,621800
Dosis I (2,5%)	5		3,639400	3,639400
Kontrol (-)	5			3,647600
Sig.		,382	,118	,062

Means for groups in homogeneous subsets are displayed.

a Uses Harmonic Mean Sample Size = 5,000.

## Hasil analisis suhu rerata pada pengamatan menit ke-120

### Oneway

#### Descriptives

Suhu setelah 120 menit

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
Kontrol (+)	5	3,597000	,0199625	,0089275	3,572213	3,621787	3,5690	3,6190
Kontrol (-)	5	3,647400	,0173003	,0077369	3,625919	3,668881	3,6190	3,6610
Dosis I (2,5%)	5	3,635000	,0130958	,0058566	3,618739	3,651261	3,6210	3,6480
Dosis II (5%)	5	3,612800	,0074632	,0033377	3,603533	3,622067	3,6050	3,6240
Dosis III (10%)	5	3,604800	,0079812	,0035693	3,594890	3,614710	3,5950	3,6160
Total	25	3,619400	,0231697	,0046339	3,609836	3,628964	3,5690	3,6610

#### Test of Homogeneity of Variances

Suhu setelah 120 menit

Levene Statistic	df1	df2	Sig.
2,117	4	20	,116

#### ANOVA

Suhu setelah 120 menit

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	,009	4	,002	11,289	,000
Within Groups	,004	20	,000		
Total	,013	24			



## Post Hoc Tests

### Multiple Comparisons

Dependent Variable: Suhu setelah 120 menit  
Tukey HSD

(I) Kelompok Perlakuan	(J) Kelompok Perlakuan	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
Kontrol (+)	Kontrol (-)	-,0504000(*)	,0088936	,000	-,077013	-,023787
	Dosis I (2,5%)	-,0380000(*)	,0088936	,003	-,064613	-,011387
	Dosis II (5%)	-,0158000	,0088936	,413	-,042413	,010813
	Dosis III (10%)	-,0078000	,0088936	,902	-,034413	,018813
Kontrol (-)	Kontrol (+)	,0504000(*)	,0088936	,000	,023787	,077013
	Dosis I (2,5%)	,0124000	,0088936	,638	-,014213	,039013
	Dosis II (5%)	,0346000(*)	,0088936	,007	,007987	,061213
	Dosis III (10%)	,0426000(*)	,0088936	,001	,015987	,069213
Dosis I (2,5%)	Kontrol (+)	,0380000(*)	,0088936	,003	,011387	,064613
	Kontrol (-)	-,0124000	,0088936	,638	-,039013	,014213
	Dosis II (5%)	,0222000	,0088936	,131	-,004413	,048813
	Dosis III (10%)	,0302000(*)	,0088936	,021	,003587	,056813
Dosis II (5%)	Kontrol (+)	,0158000	,0088936	,413	-,010813	,042413
	Kontrol (-)	-,0346000(*)	,0088936	,007	-,061213	-,007987
	Dosis I (2,5%)	-,0222000	,0088936	,131	-,048813	,004413
	Dosis III (10%)	,0080000	,0088936	,894	-,018613	,034613
Dosis III (10%)	Kontrol (+)	,0078000	,0088936	,902	-,018813	,034413
	Kontrol (-)	-,0426000(*)	,0088936	,001	-,069213	-,015987
	Dosis I (2,5%)	-,0302000(*)	,0088936	,021	-,056813	-,003587
	Dosis II (5%)	-,0080000	,0088936	,894	-,034613	,018613

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

## Homogeneous Subsets

Suhu setelah 120 menit

Tukey HSD

Kelompok Perlakuan	N	Subset for alpha = .05		
		1	2	3
Kontrol (+)	5	3,597000		
Dosis III (10%)	5	3,604800		
Dosis II (5%)	5	3,612800	3,612800	
Dosis I (2,5%)	5		3,635000	3,635000
Kontrol (-)	5			3,647400
Sig.		,413	,131	,638

Means for groups in homogeneous subsets are displayed.

a Uses Harmonic Mean Sample Size = 5,000.

## Hasil analisis suhu rerata pada pengamatan menit ke-150

### Oneway

#### Descriptives

Suhu setelah 150 menit

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
Kontrol (+)	5	3,601000	,0183984	,0082280	3,578155	3,623845	3,5720	3,6190
Kontrol (-)	5	3,645800	,0188468	,0084285	3,622399	3,669201	3,6140	3,6580
Dosis I (2,5%)	5	3,632000	,0126886	,0056745	3,616245	3,647755	3,6160	3,6430
Dosis II (5%)	5	3,608600	,0051284	,0022935	3,602232	3,614968	3,6030	3,6160
Dosis III (10%)	5	3,596600	,0098133	,0043886	3,584415	3,608785	3,5810	3,6080
Total	25	3,616800	,0231787	,0046357	3,607232	3,626368	3,5720	3,6580

#### Test of Homogeneity of Variances

Suhu setelah 150 menit

Levene Statistic	df1	df2	Sig.
1,549	4	20	,226

#### ANOVA

Suhu setelah 150 menit

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	,009	4	,002	11,492	,000
Within Groups	,004	20	,000		
Total	,013	24			

## Post Hoc Tests

### Multiple Comparisons

Dependent Variable: Suhu setelah 150 menit  
Tukey HSD

(I) Kelompok Perlakuan	(J) Kelompok Perlakuan	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
Kontrol (+)	Kontrol (-)	-,0448000(*)	,0088422	,001	-,071259	-,018341
	Dosis I (2,5%)	-,0310000(*)	,0088422	,017	-,057459	-,004541
	Dosis II (5%)	-,0076000	,0088422	,908	-,034059	,018859
	Dosis III (10%)	,0044000	,0088422	,987	-,022059	,030859
Kontrol (-)	Kontrol (+)	,0448000(*)	,0088422	,001	,018341	,071259
	Dosis I (2,5%)	,0138000	,0088422	,538	-,012659	,040259
	Dosis II (5%)	,0372000(*)	,0088422	,004	,010741	,063659
	Dosis III (10%)	,0492000(*)	,0088422	,000	,022741	,075659
Dosis I (2,5%)	Kontrol (+)	,0310000(*)	,0088422	,017	,004541	,057459
	Kontrol (-)	-,0138000	,0088422	,538	-,040259	,012659
	Dosis II (5%)	,0234000	,0088422	,099	-,003059	,049859
	Dosis III (10%)	,0354000(*)	,0088422	,006	,008941	,061859
Dosis II (5%)	Kontrol (+)	,0076000	,0088422	,908	-,018859	,034059
	Kontrol (-)	-,0372000(*)	,0088422	,004	-,063659	-,010741
	Dosis I (2,5%)	-,0234000	,0088422	,099	-,049859	,003059
	Dosis III (10%)	,0120000	,0088422	,660	-,014459	,038459
Dosis III (10%)	Kontrol (+)	-,0044000	,0088422	,987	-,030859	,022059
	Kontrol (-)	-,0492000(*)	,0088422	,000	-,075659	-,022741
	Dosis I (2,5%)	-,0354000(*)	,0088422	,006	-,061859	-,008941
	Dosis II (5%)	-,0120000	,0088422	,660	-,038459	,014459

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

## Homogeneous Subsets

### Suhu setelah 150 menit

Tukey HSD

Kelompok Perlakuan	N	Subset for alpha = .05		
		1	2	3
Dosis III (10%)	5	3,596600		
Kontrol (+)	5	3,601000		
Dosis II (5%)	5	3,608600	3,608600	
Dosis I (2,5%)	5		3,632000	3,632000
Kontrol (-)	5			3,645800
Sig.		,660	,099	,538

Means for groups in homogeneous subsets are displayed.

a Uses Harmonic Mean Sample Size = 5,000

## Hasil analisis suhu rerata pada pengamatan menit ke-180

### Oneway

#### Descriptives

Suhu setelah 180 menit

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
Kontrol (+)	5	3,602200	,0170792	,0076381	3,580993	3,623407	3,5750	3,6190
Kontrol (-)	5	3,642800	,0171959	,0076903	3,621448	3,664152	3,6140	3,6560
Dosis I (2,5%)	5	3,629000	,0120000	,0053666	3,614100	3,643900	3,6160	3,6400
Dosis II (5%)	5	3,602600	,0061887	,0027677	3,594916	3,610284	3,5920	3,6080
Dosis III (10%)	5	3,589000	,0099750	,0044609	3,576614	3,601386	3,5720	3,5970
Total	25	3,613120	,0234526	,0046905	3,603439	3,622801	3,5720	3,6560

#### Test of Homogeneity of Variances

Suhu setelah 180 menit

Levene Statistic	df1	df2	Sig.
1,116	4	20	,377

#### ANOVA

Suhu setelah 180 menit

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	,010	4	,002	13,984	,000
Within Groups	,003	20	,000		
Total	,013	24			

## Post Hoc Tests

### Multiple Comparisons

Dependent Variable: Suhu setelah 180 menit  
Tukey HSD

(I) Kelompok Perlakuan	(J) Kelompok Perlakuan	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
Kontrol (+)	Kontrol (-)	-,0406000(*)	,0083388	,001	-,065553	-,015647
	Dosis I (2,5%)	-,0268000(*)	,0083388	,032	-,051753	-,001847
	Dosis II (5%)	-,0004000	,0083388	1,000	-,025353	,024553
	Dosis III (10%)	,0132000	,0083388	,524	-,011753	,038153
Kontrol (-)	Kontrol (+)	,0406000(*)	,0083388	,001	,015647	,065553
	Dosis I (2,5%)	,0138000	,0083388	,482	-,011153	,038753
	Dosis II (5%)	,0402000(*)	,0083388	,001	,015247	,065153
	Dosis III (10%)	,0538000(*)	,0083388	,000	,028847	,078753
Dosis I (2,5%)	Kontrol (+)	,0268000(*)	,0083388	,032	,001847	,051753
	Kontrol (-)	-,0138000	,0083388	,482	-,038753	,011153
	Dosis II (5%)	,0264000(*)	,0083388	,035	,001447	,051353
	Dosis III (10%)	,0400000(*)	,0083388	,001	,015047	,064953
Dosis II (5%)	Kontrol (+)	,0004000	,0083388	1,000	-,024553	,025353
	Kontrol (-)	-,0402000(*)	,0083388	,001	-,065153	-,015247
	Dosis I (2,5%)	-,0264000(*)	,0083388	,035	-,051353	-,001447
	Dosis III (10%)	,0136000	,0083388	,496	-,011353	,038553
Dosis III (10%)	Kontrol (+)	-,0132000	,0083388	,524	-,038153	,011753
	Kontrol (-)	-,0538000(*)	,0083388	,000	-,078753	-,028847
	Dosis I (2,5%)	-,0400000(*)	,0083388	,001	-,064953	-,015047
	Dosis II (5%)	-,0136000	,0083388	,496	-,038553	,011353

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

## Homogeneous Subsets

Suhu setelah 180 menit

Tukey HSD

Kelompok Perlakuan	N	Subset for alpha = .05	
		1	2
Dosis III (10%)	5	3,589000	
Kontrol (+)	5	3,602200	
Dosis II (5%)	5	3,602600	
Dosis I (2,5%)	5		3,629000
Kontrol (-)	5		3,642800
Sig.		,496	,482

Means for groups in homogeneous subsets are displayed.

a Uses Harmonic Mean Sample Size = 5,000.

## Hasil analisis suhu rerata pada pengamatan menit ke-210

### Oneway

#### Descriptives

Suhu setelah 210 menit

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
Kontrol (+)	5	3,602000	,0188812	,0084439	3,578556	3,625444	3,5720	3,6220
Kontrol (-)	5	3,640600	,0172714	,0077240	3,619155	3,662045	3,6110	3,6530
Dosis I (2,5%)	5	3,627800	,0111445	,0049840	3,613962	3,641638	3,6160	3,6400
Dosis II (5%)	5	3,597800	,0070498	,0031528	3,589046	3,606554	3,5860	3,6030
Dosis III (10%)	5	3,585000	,0144049	,0064420	3,567114	3,602886	3,5670	3,5970
Total	25	3,610640	,0246558	,0049312	3,600463	3,620817	3,5670	3,6530

#### Test of Homogeneity of Variances

Suhu setelah 210 menit

Levene Statistic	df1	df2	Sig.
,841	4	20	,515

#### ANOVA

Suhu setelah 210 menit

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	,010	4	,003	12,600	,000
Within Groups	,004	20	,000		
Total	,015	24			

## Post Hoc Tests

### Multiple Comparisons

Dependent Variable: Suhu setelah 210 menit  
Tukey HSD

(I) Kelompok Perlakuan	(J) Kelompok Perlakuan	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
Kontrol (+)	Kontrol (-)	-,0386000(*)	,0091047	,003	-,065845	-,011355
	Dosis I (2,5%)	-,0258000	,0091047	,069	-,053045	,001445
	Dosis II (5%)	,0042000	,0091047	,990	-,023045	,031445
	Dosis III (10%)	,0170000	,0091047	,366	-,010245	,044245
Kontrol (-)	Kontrol (+)	,0386000(*)	,0091047	,003	,011355	,065845
	Dosis I (2,5%)	,0128000	,0091047	,631	-,014445	,040045
	Dosis II (5%)	,0428000(*)	,0091047	,001	,015555	,070045
	Dosis III (10%)	,0556000(*)	,0091047	,000	,028355	,082845
Dosis I (2,5%)	Kontrol (+)	,0258000	,0091047	,069	-,001445	,053045
	Kontrol (-)	-,0128000	,0091047	,631	-,040045	,014445
	Dosis II (5%)	,0300000(*)	,0091047	,027	,002755	,057245
	Dosis III (10%)	,0428000(*)	,0091047	,001	,015555	,070045
Dosis II (5%)	Kontrol (+)	-,0042000	,0091047	,990	-,031445	,023045
	Kontrol (-)	-,0428000(*)	,0091047	,001	-,070045	-,015555
	Dosis I (2,5%)	-,0300000(*)	,0091047	,027	-,057245	-,002755
	Dosis III (10%)	,0128000	,0091047	,631	-,014445	,040045
Dosis III (10%)	Kontrol (+)	-,0170000	,0091047	,366	-,044245	,010245
	Kontrol (-)	-,0556000(*)	,0091047	,000	-,082845	-,028355
	Dosis I (2,5%)	-,0428000(*)	,0091047	,001	-,070045	-,015555
	Dosis II (5%)	-,0128000	,0091047	,631	-,040045	,014445

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

## Homogeneous Subsets

Suhu setelah 210 menit

Tukey HSD

Kelompok Perlakuan	N	Subset for alpha = .05		
		1	2	3
Dosis III (10%)	5	3,585000		
Dosis II (5%)	5	3,597800		
Kontrol (+)	5	3,602000	3,602000	
Dosis I (2,5%)	5		3,627800	3,627800
Kontrol (-)	5			3,640600
Sig.		,366	,069	,631

Means for groups in homogeneous subsets are displayed.

a Uses Harmonic Mean Sample Size = 5,000.