

Lampiran 1

Hasil pengukuran waktu alir granul

Replikasi	Waktu alir (detik)				
	F I	F II	F III	F IV	F V
1	9.51	9.18	8.43	7.23	6.34
2	8.96	8	8.17	8.09	5.95
3	8.27	8.37	8.51	8.12	6.14
Mean	8.91	8.52	8.37	7.81	6.14
SD	0.62	0.60	0.18	0.505	0.195

Oneway

Descriptives

Waktu Alir

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
Formula I	3	8.9133	.6213	.3587	7.3699	10.4568	8.27	9.51
Formula II	3	8.5167	.6035	.3484	7.0174	10.0159	8.00	9.18
Formula III	3	8.3700	.1778	.1026	7.9284	8.8116	8.17	8.51
Formula IV	3	7.8133	.5054	.2918	6.5578	9.0688	7.23	8.12
Formula V	3	6.1433	.1950	.1126	5.6589	6.6278	5.95	6.34
Total	15	7.9513	1.0782	.2784	7.3542	8.5484	5.95	9.51

Test of Homogeneity of Variances

Waktu Alir

Levene Statistic	df1	df2	Sig.
1.669	4	10	.233

ANOVA

Waktu Alir

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	14.125	4	3.531	16.419	.000
Within Groups	2.151	10	.215		
Total	16.275	14			

Post Hoc Tests

Multiple Comparisons

Dependent Variable: Waktu Alir

Scheffe

(I) Perlakuan	(J) Perlakuan	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
Formula I	Formula II	.3967	.3787	.888	-1.0157	1.8090
	Formula III	.5433	.3787	.727	-.8690	1.9557
	Formula IV	1.1000	.3787	.154	-.3123	2.5123
	Formula V	2.7700*	.3787	.001	1.3577	4.1823
Formula II	Formula I	-.3967	.3787	.888	-1.8090	1.0157
	Formula III	.1467	.3787	.997	-1.2657	1.5590
	Formula IV	.7033	.3787	.519	-.7090	2.1157
	Formula V	2.3733*	.3787	.002	.9610	3.7857
Formula III	Formula I	-.5433	.3787	.727	-1.9557	.8690
	Formula II	-.1467	.3787	.997	-1.5590	1.2657
	Formula IV	.5567	.3787	.710	-.8557	1.9690
	Formula V	2.2267*	.3787	.003	.8143	3.6390
Formula IV	Formula I	-1.1000	.3787	.154	-2.5123	.3123
	Formula II	-.7033	.3787	.519	-2.1157	.7090
	Formula III	-.5567	.3787	.710	-1.9690	.8557
	Formula V	1.6700*	.3787	.019	.2577	3.0823
Formula V	Formula I	-2.7700*	.3787	.001	-4.1823	-1.3577
	Formula II	-2.3733*	.3787	.002	-3.7857	-.9610
	Formula III	-2.2267*	.3787	.003	-3.6390	-.8143
	Formula IV	-1.6700*	.3787	.019	-3.0823	-.2577

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

Lampiran 2

Hasil pengukuran sudut diam granul

Replikasi	Sudut diam (°)				
	F I	F II	F III	F IV	F V
1	30.68	31.3	32.35	31.5	28.47
2	33.47	31.56	29.54	29.45	28.27
3	32.78	31.3	30.47	30.61	27.32
Mean	32.31	31.39	30.79	30.52	28.02
SD	1.45	0.15	1.43	1.03	0.61

Oneway

Descriptives

Sudut Diam

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
					Formula I	3		
Formula II	3	31.3867	.1501	.0867	31.0138	31.7596	31.30	31.56
Formula III	3	30.7867	1.4315	.8265	27.2306	34.3427	29.54	32.35
Formula IV	3	30.5200	1.0280	.5935	27.9664	33.0736	29.45	31.50
Formula V	3	28.0200	.6144	.3547	26.4937	29.5463	27.32	28.47
Total	15	30.6047	1.7312	.4470	29.6460	31.5634	27.32	33.47

Test of Homogeneity of Variances

Sudut Diam

Levene Statistic	df1	df2	Sig.
2.241	4	10	.137

ANOVA

Sudut Diam

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	30.721	4	7.680	6.836	.006
Within Groups	11.235	10	1.124		
Total	41.957	14			

Post Hoc Tests

Multiple Comparisons

Dependent Variable: Sudut Diam

Scheffe

(I) Perlakuan	(J) Perlakuan	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
Formula I	Formula II	.9233	.8655	.881	-2.3048	4.1514
	Formula III	1.5233	.8655	.566	-1.7048	4.7514
	Formula IV	1.7900	.8655	.421	-1.4381	5.0181
	Formula V	4.2900*	.8655	.009	1.0619	7.5181
Formula II	Formula I	-.9233	.8655	.881	-4.1514	2.3048
	Formula III	.6000	.8655	.972	-2.6281	3.8281
	Formula IV	.8667	.8655	.903	-2.3614	4.0948
	Formula V	3.3667*	.8655	.040	.1386	6.5948
Formula III	Formula I	-1.5233	.8655	.566	-4.7514	1.7048
	Formula II	-.6000	.8655	.972	-3.8281	2.6281
	Formula IV	.2667	.8655	.999	-2.9614	3.4948
	Formula V	2.7667	.8655	.104	-.4614	5.9948
Formula IV	Formula I	-1.7900	.8655	.421	-5.0181	1.4381
	Formula II	-.8667	.8655	.903	-4.0948	2.3614
	Formula III	-.2667	.8655	.999	-3.4948	2.9614
	Formula V	2.5000	.8655	.158	-.7281	5.7281
Formula V	Formula I	-4.2900*	.8655	.009	-7.5181	-1.0619
	Formula II	-3.3667*	.8655	.040	-6.5948	-.1386
	Formula III	-2.7667	.8655	.104	-5.9948	.4614
	Formula IV	-2.5000	.8655	.158	-5.7281	.7281

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

Lampiran 3

Hasil uji keseragaman bobot tablet

Replikasi	Bobot tablet (g)				
	F I	F II	F III	F IV	F V
1	2.98	3	2.98	3.02	3.05
2	2.97	3.01	3.03	3	3
3	2.97	2.98	3.05	3.05	2.95
4	3	2.99	3	2.99	3.04
5	2.94	2.99	2.98	2.89	3.02
6	2.95	2.96	3	3.02	2.98
7	2.89	3	2.96	2.99	2.93
8	2.98	2.99	2.98	2.96	2.94
9	2.99	2.98	3	2.97	3.02
10	3.01	2.95	2.95	3.05	3.03
11	2.98	2.96	3.04	2.99	2.99
12	2.97	2.87	2.96	3.07	3.04
13	2.88	2.91	2.98	3.03	3.02
14	2.9	3.01	2.97	3	3
15	2.97	2.99	3.02	3.03	3.08
16	3.01	2.97	3.05	2.98	3.02
17	2.98	2.96	3.07	3.02	3
18	3.02	3.02	3.02	3	2.96
19	2.96	2.99	3	2.99	2.98
20	2.99	3	2.98	2.93	3.01
Mean	2.967	2.9765	3.001	2.999	3.003
SD	0.039	0.036	0.034	0.042	0.038
CV	1.30	1.195	1.13	1.39	1.28

Perhitungan keseragaman bobot tablet menurut Farmakope Indonesia :

1. Formula I

Bobot rata-rata 20 tablet = 2,967 g

- Untuk penyimpangan 5% = $\frac{5}{100} \times 2,967 \text{ g} = 0,148 \text{ g}$

Jadi berat tablet = 2,967 g \pm 0,148 g (2,819 g – 3,115 g)

- Untuk penyimpangan 10% = $\frac{10}{100} \times 2,967 \text{ g} = 0,297 \text{ g}$

Jadi berat tablet = 2,967 g \pm 0,297 g (2,67 g – 3,264 g)

2. Formula II

Bobot rata-rata 20 tablet = 2,9765 g

- Untuk penyimpangan 5% = $\frac{5}{100} \times 2,9765 \text{ g} = 0,149 \text{ g}$

Jadi berat tablet = 2,9765 g \pm 0,149 g (2,8275 g – 3,1255 g)

- Untuk penyimpangan 10% = $\frac{10}{100} \times 2,9765 \text{ g} = 0,298 \text{ g}$

Jadi berat tablet = 2,9765 g \pm 0,298 g (2,6785 g – 3,274 g)

3. Formula III

Bobot rata-rata 20 tablet = 3,001 g

- Untuk penyimpangan 5% = $\frac{5}{100} \times 3,001 \text{ g} = 0,15 \text{ g}$

Jadi berat tablet = 3,001 g \pm 0,15 g (2,851 g – 3,151 g)

- Untuk penyimpangan 10% = $\frac{10}{100} \times 3,001 \text{ g} = 0,30 \text{ g}$

Jadi berat tablet = 3,001 g \pm 0,30 g (2,701 g – 3,301 g)

4. Formula IV

Bobot rata-rata 20 tablet = 2,999 g

- Untuk penyimpangan 5% = $\frac{5}{100} \times 2,999 \text{ g} = 0,15 \text{ g}$

Jadi berat tablet = 2,999 g \pm 0,15 g (2,849 g – 3,149 g)

- Untuk penyimpangan 10% = $\frac{10}{100} \times 2,999 \text{ g} = 0,30 \text{ g}$

Jadi berat tablet = 2,999 g \pm 0,30 g (2,699 g – 3,299 g)

5. Formula V

Bobot rata-rata 20 tablet = 3,003 g

- Untuk penyimpangan 5% = $\frac{5}{100} \times 3,003 \text{ g} = 0,15 \text{ g}$

Jadi berat tablet = 3,003 g \pm 0,15 g (2,853 g – 3,153 g)

- Untuk penyimpangan 10% = $\frac{10}{100} \times 3,003 \text{ g} = 0,30 \text{ g}$

Jadi berat tablet = 3,003 g \pm 0,30 g (2,703 g – 3,303 g)

Oneway**Descriptives**

Keseragaman Bobot

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
Formula I	20	2.9670	.03868	.00865	2.9489	2.9851	2.88	3.02
Formula II	20	2.9765	.03558	.00796	2.9598	2.9932	2.87	3.02
Formula III	20	3.0010	.03386	.00757	2.9852	3.0168	2.95	3.07
Formula IV	20	2.9990	.04179	.00934	2.9794	3.0186	2.89	3.07
Formula V	20	3.0030	.03840	.00859	2.9850	3.0210	2.93	3.08
Total	100	2.9893	.03983	.00398	2.9814	2.9972	2.87	3.08

Test of Homogeneity of Variances

Keseragaman Bobot

Levene Statistic	df1	df2	Sig.
.126	4	95	.973

ANOVA

Keseragaman Bobot

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	.022	4	.005	3.787	.007
Within Groups	.135	95	.001		
Total	.157	99			

Post Hoc Tests

Multiple Comparisons

Dependent Variable: Keceragaman Bobot

Scheffe

(I) Perlakuan	(J) Perlakuan	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
Formula I	Formula II	-.0095	.01194	.959	-.0470	.0280
	Formula III	-.0340	.01194	.097	-.0715	.0035
	Formula IV	-.0320	.01194	.136	-.0695	.0055
	Formula V	-.0360	.01194	.067	-.0735	.0015
Formula II	Formula I	.0095	.01194	.959	-.0280	.0470
	Formula III	-.0245	.01194	.385	-.0620	.0130
	Formula IV	-.0225	.01194	.475	-.0600	.0150
	Formula V	-.0265	.01194	.303	-.0640	.0110
Formula III	Formula I	.0340	.01194	.097	-.0035	.0715
	Formula II	.0245	.01194	.385	-.0130	.0620
	Formula IV	.0020	.01194	1.000	-.0355	.0395
	Formula V	-.0020	.01194	1.000	-.0395	.0355
Formula IV	Formula I	.0320	.01194	.136	-.0055	.0695
	Formula II	.0225	.01194	.475	-.0150	.0600
	Formula III	-.0020	.01194	1.000	-.0395	.0355
	Formula V	-.0040	.01194	.998	-.0415	.0335
Formula V	Formula I	.0360	.01194	.067	-.0015	.0735
	Formula II	.0265	.01194	.303	-.0110	.0640
	Formula III	.0020	.01194	1.000	-.0355	.0395
	Formula IV	.0040	.01194	.998	-.0335	.0415

Lampiran 4

Hasil uji kekerasan tablet

Replikasi	Kekerasan tablet (kg)				
	F I	F II	F III	F IV	F V
1	5.35	6.25	7.84	7.34	6.29
2	5.38	6.31	6.34	7.06	7.47
3	5.23	5.3	6.13	6.69	7.67
4	5.09	6.3	5.6	7.65	7.66
5	5.05	5.55	5.91	7.42	6.77
6	4.74	5.95	5.53	7.13	6.96
7	4.84	6.76	5.09	6.85	7.43
8	5.26	7.14	6.81	7.11	6.55
9	6.51	6.14	7.49	5.96	7.49
10	4.47	6.27	7.71	6.97	6.86
11	5.93	6.06	6.18	6.77	7.38
12	4.08	7.69	7.86	6.57	6.35
13	4.86	6.3	6.96	6.72	7.47
14	5.22	5.87	7.38	6.47	6.81
15	6.12	6.6	6.46	6.27	7.85
16	5.48	7.61	6.44	6.61	7.39
17	6.03	6.58	5.31	7.54	6.05
18	4.83	6.65	6.11	7.47	7.03
19	4.84	6.01	6.63	7.35	6.96
20	6.07	6.55	5.87	7.65	7.42
Mean	5.27	6.39	6.48	6.98	7.09
SD	0.61	0.65	0.84	0.47	0.51

Oneway

Descriptives

Kekerasan Tablet

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
Formula I	20	5.2690	.6126	.1370	4.9823	5.5557	4.08	6.51
Formula II	20	6.3945	.5974	.1336	6.1149	6.6741	5.30	7.69
Formula III	20	6.4825	.8431	.1885	6.0879	6.8771	5.09	7.86
Formula IV	20	6.9800	.4746	.1061	6.7579	7.2021	5.96	7.65
Formula V	20	7.0930	.5088	.1138	6.8549	7.3311	6.05	7.85
Total	100	6.4438	.8903	.0890	6.2671	6.6205	4.08	7.86

Test of Homogeneity of Variances

Kekerasan Tablet

Levene Statistic	df1	df2	Sig.
2.047	4	95	.094

ANOVA

Kekerasan Tablet

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	41.861	4	10.465	27.155	.000
Within Groups	36.613	95	.385		
Total	78.474	99			

Post Hoc Tests

Multiple Comparisons

Dependent Variable: Kekerasan Tablet

Scheffe

(I) Perlakuan	(J) Perlakuan	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
Formula I	Formula II	-1.1255*	.1963	.000	-1.7423	-.5087
	Formula III	-1.2135*	.1963	.000	-1.8303	-.5967
	Formula IV	-1.7110*	.1963	.000	-2.3278	-1.0942
	Formula V	-1.8240*	.1963	.000	-2.4408	-1.2072
Formula II	Formula I	1.1255*	.1963	.000	.5087	1.7423
	Formula III	-.0880	.1963	.995	-.7048	.5288
	Formula IV	-.5855	.1963	.072	-1.2023	.0313
	Formula V	-.6985*	.1963	.017	-1.3153	-.0817
Formula III	Formula I	1.2135*	.1963	.000	.5967	1.8303
	Formula II	.0880	.1963	.995	-.5288	.7048
	Formula IV	-.4975	.1963	.179	-1.1143	.1193
	Formula V	-.6105	.1963	.054	-1.2273	.0063
Formula IV	Formula I	1.7110*	.1963	.000	1.0942	2.3278
	Formula II	.5855	.1963	.072	-.0313	1.2023
	Formula III	.4975	.1963	.179	-.1193	1.1143
	Formula V	-.1130	.1963	.988	-.7298	.5038
Formula V	Formula I	1.8240*	.1963	.000	1.2072	2.4408
	Formula II	.6985*	.1963	.017	.0817	1.3153
	Formula III	.6105	.1963	.054	-.0063	1.2273
	Formula IV	.1130	.1963	.988	-.5038	.7298

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

Lampiran 5

Hasil uji kerapuhan tablet

Replikasi	Kerapuhan tablet (%)				
	F I	F II	F III	F IV	F V
1	0.253	0.202	0.151	0.117	0.117
2	0.355	0.219	0.219	0.201	0.218
3	0.304	0.422	0.253	0.285	0.167
Mean	0.30	0.28	0.22	0.20	0.17
SD	0.05	0.12	0.05	0.08	0.05

Oneway

Descriptives

Kerapuhan Tablet

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
Formula I	3	.3040	.0510	.0294	.1773	.4307	.25	.36
Formula II	3	.2810	.1224	.0707	-.0231	.5851	.20	.42
Formula III	3	.2077	.0519	.0300	.0787	.3367	.15	.25
Formula IV	3	.2010	.0840	.0485	-.0077	.4097	.12	.28
Formula V	3	.1673	.0505	.0292	.0419	.2928	.12	.22
Total	15	.2322	.0844	.0218	.1855	.2789	.12	.42

Test of Homogeneity of Variances

Kerapuhan Tablet

Levene Statistic	df1	df2	Sig.
1.557	4	10	.259

ANOVA

Kerapuhan Tablet

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	.040	4	.010	1.671	.232
Within Groups	.060	10	.006		
Total	.100	14			

Lampiran 6**Hasil uji waktu larut tablet****a. Suhu 10°C**

Replikasi	Waktu larut (menit)				
	F I	F II	F III	F IV	F V
1	3.48	6.77	8.58	8.9	8.22
2	3.63	6.68	8.83	9.17	8.07
3	2.63	7.92	9.2	8.47	9.42
4	2.55	6.6	7.67	8.27	8.1
5	3.01	7.25	9.75	8.37	10.02
6	3.48	7.82	9.92	10.22	9.15
7	4.23	8.2	7.5	9.35	11.22
8	4.02	8.42	8.25	9.55	10.13
9	3.03	8.53	9.92	9.25	11.77
10	4.05	8.58	9.97	10.68	11.3
Mean	3.41	7.68	8.96	9.22	9.74
SD	0.59	0.79	0.94	0.785	1.38

Oneway

Descriptives

Waktu Larut 10

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
Formula I	10	3.4110	.5930	.1875	2.9868	3.8352	2.55	4.23
Formula II	10	7.6770	.7893	.2496	7.1124	8.2416	6.60	8.58
Formula III	10	8.9590	.9432	.2983	8.2843	9.6337	7.50	9.97
Formula IV	10	9.2230	.7853	.2483	8.6612	9.7848	8.27	10.68
Formula V	10	9.7400	1.3830	.4374	8.7506	10.7294	8.07	11.77
Total	50	7.8020	2.4893	.3520	7.0945	8.5095	2.55	11.77

Test of Homogeneity of Variances

Waktu Larut 10

Levene Statistic	df1	df2	Sig.
3.050	4	45	.026

Post Hoc Tests

Multiple Comparisons

Dependent Variable: Waktu Larut 10

Scheffe

(I) Perlakuan	(J) Perlakuan	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
Formula I	Formula II	-4.2660*	.4192	.000	-5.6124	-2.9196
	Formula III	-5.5480*	.4192	.000	-6.8944	-4.2016
	Formula IV	-5.8120*	.4192	.000	-7.1584	-4.4656
	Formula V	-6.3290*	.4192	.000	-7.6754	-4.9826
Formula II	Formula I	4.2660*	.4192	.000	2.9196	5.6124
	Formula III	-1.2820	.4192	.070	-2.6284	.0644
	Formula IV	-1.5460*	.4192	.016	-2.8924	-.1996
	Formula V	-2.0630*	.4192	.001	-3.4094	-.7166
Formula III	Formula I	5.5480*	.4192	.000	4.2016	6.8944
	Formula II	1.2820	.4192	.070	-.0644	2.6284
	Formula IV	-.2640	.4192	.982	-1.6104	1.0824
	Formula V	-.7810	.4192	.491	-2.1274	.5654
Formula IV	Formula I	5.8120*	.4192	.000	4.4656	7.1584
	Formula II	1.5460*	.4192	.016	.1996	2.8924
	Formula III	.2640	.4192	.982	-1.0824	1.6104
	Formula V	-.5170	.4192	.822	-1.8634	.8294
Formula V	Formula I	6.3290*	.4192	.000	4.9826	7.6754
	Formula II	2.0630*	.4192	.001	.7166	3.4094
	Formula III	.7810	.4192	.491	-.5654	2.1274
	Formula IV	.5170	.4192	.822	-.8294	1.8634

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

b. Suhu 25°C

Replikasi	Waktu larut (menit)				
	F I	F II	F III	F IV	F V
1	2.01	3.03	3.06	5.12	4.25
2	2.02	3.04	3.5	5.15	5.25
3	2.03	3.5	4.15	5.23	5.47
4	2.82	3.23	3.75	4.83	5.03
5	1.52	3.37	5.25	4.36	5.38
6	2.5	3.62	4.15	5.68	5.65
7	1.95	3.5	4.37	5.65	5.95
8	2.12	3.75	4.62	4.98	5.37
9	1.45	3.78	5.58	5.77	5.42
10	1.8	4.15	5.65	5.4	5.52
Mean	2.02	3.50	4.41	5.21	5.33
SD	0.41	0.35	0.87	0.43	0.45

Oneway

Descriptives

Waktu Larut 25

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
Formula I	10	2.0220	.4094	.1295	1.7291	2.3149	1.45	2.82
Formula II	10	3.4970	.3496	.1106	3.2469	3.7471	3.03	4.15
Formula III	10	4.4080	.8743	.2765	3.7826	5.0334	3.06	5.65
Formula IV	10	5.2170	.4341	.1373	4.9065	5.5275	4.36	5.77
Formula V	10	5.3290	.4494	.1421	5.0075	5.6505	4.25	5.95
Total	50	4.0946	1.3428	.1899	3.7130	4.4762	1.45	5.95

Test of Homogeneity of Variances

Waktu Larut 25

Levene Statistic	df1	df2	Sig.
3.109	4	45	.024

ANOVA

Waktu Larut 25

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	75.345	4	18.836	65.198	.000
Within Groups	13.001	45	.289		
Total	88.346	49			

Post Hoc Tests

Multiple Comparisons

Dependent Variable: Waktu Larut 25

Scheffe

(I) Perlakuan	(J) Perlakuan	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
Formula I	Formula II	-1.4750*	.2404	.000	-2.2470	-.7030
	Formula III	-2.3860*	.2404	.000	-3.1580	-1.6140
	Formula IV	-3.1950*	.2404	.000	-3.9670	-2.4230
	Formula V	-3.3070*	.2404	.000	-4.0790	-2.5350
Formula II	Formula I	1.4750*	.2404	.000	.7030	2.2470
	Formula III	-.9110*	.2404	.013	-1.6830	-.1390
	Formula IV	-1.7200*	.2404	.000	-2.4920	-.9480
	Formula V	-1.8320*	.2404	.000	-2.6040	-1.0600
Formula III	Formula I	2.3860*	.2404	.000	1.6140	3.1580
	Formula II	.9110*	.2404	.013	.1390	1.6830
	Formula IV	-.8090*	.2404	.035	-1.5810	-.0370
	Formula V	-.9210*	.2404	.011	-1.6930	-.1490
Formula IV	Formula I	3.1950*	.2404	.000	2.4230	3.9670
	Formula II	1.7200*	.2404	.000	.9480	2.4920
	Formula III	.8090*	.2404	.035	.0370	1.5810
	Formula V	-.1120	.2404	.994	-.8840	.6600
Formula V	Formula I	3.3070*	.2404	.000	2.5350	4.0790
	Formula II	1.8320*	.2404	.000	1.0600	2.6040
	Formula III	.9210*	.2404	.011	.1490	1.6930
	Formula IV	.1120	.2404	.994	-.6600	.8840

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

c. Suhu 35°C

Replikasi	Waktu larut (menit)				
	F I	F II	F III	F IV	F V
1	1.15	1.97	2.75	2.37	3.05
2	0.98	1.27	2.23	3.38	3.27
3	1.18	1.12	2.43	3.85	3.35
4	1.53	1.33	2.5	3.92	3.85
5	0.85	1.05	2.03	2.23	3.97
6	0.98	1.18	2.07	2.83	3.37
7	1.42	1.32	2.05	2.25	3.22
8	1.08	1.03	2.55	3.5	3.08
9	1.15	1.27	2.9	3.58	3.92
10	1.22	1.3	2.58	3.43	3.08
Mean	1.15	1.28	2.41	3.13	3.42
SD	0.20	0.26	0.30	0.66	0.36

Oneway

Descriptives

Waktu Larut 35

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
					Formula I	10		
Formula II	10	1.2840	.2649	.0838	1.0945	1.4735	1.03	1.97
Formula III	10	2.4090	.3045	.0963	2.1911	2.6269	2.03	2.90
Formula IV	10	3.1340	.6571	.2078	2.6639	3.6041	2.23	3.92
Formula V	10	3.4160	.3614	.1143	3.1575	3.6745	3.05	3.97
Total	50	2.2794	1.0088	.1427	1.9927	2.5661	.85	3.97

Test of Homogeneity of Variances

Waktu Larut 35

Levene Statistic	df1	df2	Sig.
8.059	4	45	.000

ANOVA

Waktu Larut 35

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	42.963	4	10.741	70.014	.000
Within Groups	6.903	45	.153		
Total	49.867	49			

Post Hoc Tests

Multiple Comparisons

Dependent Variable: Waktu Larut 35

Scheffe

(I) Perlakuan	(J) Perlakuan	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
Formula I	Formula II	-.1300	.1752	.967	-.6926	.4326
	Formula III	-1.2550*	.1752	.000	-1.8176	-.6924
	Formula IV	-1.9800*	.1752	.000	-2.5426	-1.4174
	Formula V	-2.2620*	.1752	.000	-2.8246	-1.6994
Formula II	Formula I	.1300	.1752	.967	-.4326	.6926
	Formula III	-1.1250*	.1752	.000	-1.6876	-.5624
	Formula IV	-1.8500*	.1752	.000	-2.4126	-1.2874
	Formula V	-2.1320*	.1752	.000	-2.6946	-1.5694
Formula III	Formula I	1.2550*	.1752	.000	.6924	1.8176
	Formula II	1.1250*	.1752	.000	.5624	1.6876
	Formula IV	-.7250*	.1752	.005	-1.2876	-.1624
	Formula V	-1.0070*	.1752	.000	-1.5696	-.4444
Formula IV	Formula I	1.9800*	.1752	.000	1.4174	2.5426
	Formula II	1.8500*	.1752	.000	1.2874	2.4126
	Formula III	.7250*	.1752	.005	.1624	1.2876
	Formula V	-.2820	.1752	.631	-.8446	.2806
Formula V	Formula I	2.2620*	.1752	.000	1.6994	2.8246
	Formula II	2.1320*	.1752	.000	1.5694	2.6946
	Formula III	1.0070*	.1752	.000	.4444	1.5696
	Formula IV	.2820	.1752	.631	-.2806	.8446

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

d. Suhu 60°C

Replikasi	Waktu larut (menit)				
	F I	F II	F III	F IV	F V
1	1.08	0.98	1.07	1.45	1.02
2	0.95	1	0.98	1.13	1.2
3	0.72	0.9	1.18	1.22	1.55
4	0.8	0.95	1.53	1.13	1.82
5	0.82	1.02	0.85	1.1	1.67
6	0.83	1.13	0.98	1.18	1.02
7	0.68	0.95	1.42	1.4	1.43
8	0.8	1.2	1.08	1.17	0.95
9	0.68	0.97	1.15	1.27	1.23
10	0.78	0.93	1.22	1.03	1.65
Mean	0.81	1.00	1.15	1.21	1.35
SD	0.12	0.09	0.21	0.13	0.31

Oneway

Descriptives

Waktu Larut 60

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
Formula I	10	.8140	.1229	.0389	.7261	.9019	.68	1.08
Formula II	10	1.0030	.0933	.0295	.9362	1.0698	.90	1.20
Formula III	10	1.1460	.2060	.0652	.9986	1.2934	.85	1.53
Formula IV	10	1.2080	.1321	.0418	1.1135	1.3025	1.03	1.45
Formula V	10	1.3540	.3117	.0986	1.1310	1.5770	.95	1.82
Total	50	1.1050	.2604	.0368	1.0310	1.1790	.68	1.82

Test of Homogeneity of Variances

Waktu Larut 60

Levene Statistic	df1	df2	Sig.
6.824	4	45	.000

ANOVA

Waktu Larut 60

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	1.694	4	.423	11.707	.000
Within Groups	1.628	45	.036		
Total	3.321	49			

Post Hoc Tests

Multiple Comparisons

Dependent Variable: Waktu Larut 60

Scheffe

(I) Perlakuan	(J) Perlakuan	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
Formula I	Formula II	-.1890	.0851	.310	-.4622	.0842
	Formula III	-.3320*	.0851	.009	-.6052	-.0588
	Formula IV	-.3940*	.0851	.001	-.6672	-.1208
	Formula V	-.5400*	.0851	.000	-.8132	-.2668
Formula II	Formula I	.1890	.0851	.310	-.0842	.4622
	Formula III	-.1430	.0851	.592	-.4162	.1302
	Formula IV	-.2050	.0851	.233	-.4782	.0682
	Formula V	-.3510*	.0851	.005	-.6242	-.0778
Formula III	Formula I	.3320*	.0851	.009	.0588	.6052
	Formula II	.1430	.0851	.592	-.1302	.4162
	Formula IV	-.0620	.0851	.970	-.3352	.2112
	Formula V	-.2080	.0851	.220	-.4812	.0652
Formula IV	Formula I	.3940*	.0851	.001	.1208	.6672
	Formula II	.2050	.0851	.233	-.0682	.4782
	Formula III	.0620	.0851	.970	-.2112	.3352
	Formula V	-.1460	.0851	.572	-.4192	.1272
Formula V	Formula I	.5400*	.0851	.000	.2668	.8132
	Formula II	.3510*	.0851	.005	.0778	.6242
	Formula III	.2080	.0851	.220	-.0652	.4812
	Formula IV	.1460	.0851	.572	-.1272	.4192

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

