

LAMPIRAN 1 Hasil Evaluasi Optimasi PVP

Tabel VI. 1 Kadar Air

Formula		Kadar air	Rata-rata
F1	1	2,70	2,79
	2	2,80	
	3	2,87	
F2	1	2,82	2,82
	2	2,75	
	3	2,90	
F3	1	2,17	2,30
	2	2,25	
	3	2,49	

Tabel VI. 2 Laju Alir

Formula		Waktu alir (s)	Laju alir (g/s)	Rata-rata
F1	1	8,36	5,98	6,85
	2	7,50	6,66	
	3	6,31	7,92	
F2	1	8,11	6,16	7,24
	2	6,66	7,55	
	3	6,22	8,03	
F3	1	6,72	7,44	7,35
	2	7,35	6,80	
	3	6,40	7,81	

Tabel VI.3 Hasil Evaluasi Sudut Istirahat

Formula		Tinggi (h)	Jari-jari (r)	Sudut diam (°)	Rata-rata
F1	1	2,01	2,59	37,81	38,61
	2	2,03	2,59	38,08	
	3	2,17	2,59	39,95	
F2	1	2,10	2,50	38,93	39,00
	2	2,02	2,49	39,05	
	3	2,03	2,50	39,02	
F3	1	2,03	2,54	38,52	38,82
	2	2,05	2,55	38,90	
	3	2,07	2,55	39,06	

LAMPIRAN 2 Hasil Evaluasi Optimasi Sukrosa

Tabel VI.4 Hasil Evaluasi Kadar air

Formula		Kadar air	Rata-rata
F1	1	2,08	2,11
	2	2,12	
	3	2,15	
F2	1	2,04	2,08
	2	2,09	
	3	2,12	
F3	1	1,90	1,96
	2	1,98	
	3	2,02	

Tabel VI. 5 Laju Alir

Formula		Waktu alir (s)	Laju alir (g/s)	Rata-rata
F1	1	5,26	9,50	8,27
	2	6,37	7,84	
	3	6,70	7,46	
F2	1	4,76	10,50	9,01
	2	6,21	8,05	
	3	5,89	8,49	
F3	1	4,83	10,35	9,85
	2	5,79	8,63	
	3	4,73	10,57	

Tabel VI.6 Hasil Evaluasi Sudut Istirahat

Formula		Tinggi (h)	Jari-jari (r)	Sudut diam (°)	Rata-rata
F1	1	1,75	2,45	35,5	36,006
	2	1,75	2,38	36,32	
	3	1,81	2,47	36,20	
F2	1	1,86	2,49	36,76	36,74
	2	1,79	2,43	36,38	
	3	1,83	2,42	37,10	
F3	1	1,87	2,42	37,70	37,4
	2	1,86	2,46	37,10	
	3	1,86	2,41	37,66	

LAMPIRAN 3 Evaluasi Sferoid

Tabel VI. 7 Kadar Air

Formula		Kadar air	Rata-rata
F3a	1	2,17	2,61
	2	2,80	
	3	2,87	
F3b	1	2,42	2,49
	2	2,48	
	3	2,57	
F3c	1	2,75	2,77
	2	2,76	
	3	2,81	

Tabel VI. 8 Laju Alir

Formula		Waktu alir (s)	Laju alir (g/s)	Rata-rata
F3a	1	6,17	8,10	7,72
	2	6,26	7,98	
	3	7,06	7,08	
F3b	1	7,09	7,05	7,39
	2	6,68	7,48	
	3	6,53	7,65	
F3c	1	7,15	6,99	7,16
	2	7,33	6,82	
	3	6,52	7,66	

Tabel VI.9 Hasil Evaluasi Sudut Istirahat

Formula		Tinggi (h)	Jari-jari (r)	Sudut diam (°)	Rata-rata
F3a	1	1,74	2,49	34,94	35,20
	2	1,78	2,51	35,34	
	3	1,78	2,51	35,34	
F3b	1	1,78	2,54	35,02	37,22
	2	1,91	2,44	38,05	
	3	1,94	2,43	38,60	
F3c	1	1,85	2,41	37,51	36,13
	2	1,73	2,41	35,67	
	3	1,74	2,45	35,22	

LAMPIRAN 4 Evaluasi Pelet Salut

Tabel VI.10 Hasil Evaluasi Kadar air

Formula		Kadar air	Rata-rata
F3a	1	1,96	2,02
	2	2,05	
	3	2,07	
F3b	1	2,03	2,08
	2	2,12	
	3	2,10	
F3c	1	2,12	2,14
	2	2,15	
	3	2,17	
F4	1	2,25	2,15
	2	2,09	
	3	2,13	

Tabel VI. 11 Laju Alir

Formula		Waktu alir (s)	Laju alir (g/s)	Rata-rata
F3a	1	6,52	7,66	7,53
	2	6,76	7,39	
	3	6,61	7,56	
F3b	1	8,43	5,93	6,10
	2	8,05	6,21	
	3	8,10	6,17	
F3c	1	6,27	7,97	

F4	2	6,24	8,01	7,85
	3	6,60	7,57	
	1	6,44	7,76	
	2	6,43	7,77	7,78
	3	6,40	7,81	

Tabel VI.12 Hasil Evaluasi Sudut Istirahat

Formula		Tinggi (h)	Jari-jari (r)	Sudut diam (°)	Rata-rata
F3a	1	1,15	2,45	24,70	25,74
	2	1,15	2,38	25,78	
	3	1,15	2,28	26,76	
F3b	1	1,76	2,49	35,22	33,66
	2	1,65	2,45	33,94	
	3	1,52	2,45	31,81	
F3c	1	1,48	2,40	31,60	30,31
	2	1,39	2,40	30,02	
	3	1,36	2,42	29,33	
F4	1	1,18	2,41	26,13	26,95
	2	1,26	2,41	27,65	
	3	1,23	2,41	27,08	

LAMPIRAN 4 HEDONIK TES

Tabel VI.13 Hasil Hedonik tes

Formula	Hedonik	Jumlah	Skor	Nilai total	Nilai akhir
F3a (Teh hitam 20%)	Rasa	63	3	189	380
	Aroma	64	2	128	
	Warna	63	1	63	
F3b (Teh hitam 15%)	Rasa	69	3	207	363
	Aroma	57	2	114	
	Warna	42	1	42	
F3c (Teh hitam 10%)	Rasa	68	3	204	369
	Aroma	59	2	118	
	Warna	47	1	47	
F4 (Tanpa penyalutan)	Rasa	48	3	144	242
	Aroma	34	2	68	
	Warna	30	1	30	
F0 (Teh hitam merk teh poci)	Rasa	86	3	258	490
	Aroma	77	2	154	
	warna	78	1	78	

Tabel V1. 14 Hasil Hedonik Tes

no	F1			F2			F3			F4			F5		
	Aroma	Rasa	Warna	Aroma	Rasa	Warna	Aroma	Rasa	Warna	Aroma	Rasa	Warna	Aroma	Rasa	Warna
1.	1	2	2	3	3	1	3	2	2	1	2	1	2	3	3
2.	3	2	3	1	3	3	2	2	3	1	1	1	3	2	2
3.	2	2	2	2	3	1	2	3	1	1	2	1	3	2	3
4.	2	2	2	2	3	1	2	3	1	1	2	1	2	3	3
5.	2	2	2	2	1	1	2	3	2	1	1	1	3	3	3
6.	2	2	3	2	2	2	2	2	2	1	1	1	2	3	3
7.	2	2	3	2	2	2	2	2	2	2	2	1	3	2	2
8.	3	3	2	2	2	2	2	2	1	2	1	1	3	3	3
9.	2	3	2	2	2	1	2	1	1	1	2	1	2	3	3
10.	1	1	2	2	2	1	1	1	1	1	1	1	2	3	2
11.	2	1	1	1	2	2	3	3	3	1	2	1	2	3	3
12.	2	2	1	1	1	1	2	3	3	1	1	1	3	3	2
13.	2	1	2	1	3	1	1	3	3	1	2	1	2	3	3
14.	2	2	2	2	3	1	2	3	2	1	2	1	2	3	3
15.	2	2	2	2	3	2	2	3	2	1	1	1	3	3	3
16.	3	3	3	3	3	2	2	2	2	1	2	1	3	3	2
17.	2	2	2	2	3	2	2	2	2	1	2	1	3	3	3
18.	2	2	3	3	2	1	3	2	1	1	1	1	2	3	3
19.	2	2	2	2	2	1	2	2	1	2	1	1	3	3	2
20.	2	1	2	2	2	1	2	2	1	1	2	1	3	3	3
21.	2	2	2	2	2	1	2	2	1	1	2	1	3	2	2
22.	2	2	2	2	3	1	2	2	1	1	2	1	3	3	2
23.	3	2	1	3	3	1	2	3	2	2	2	1	3	3	2
24.	2	3	2	2	3	1	2	3	1	1	2	1	3	3	3
25.	3	3	2	2	3	1	2	3	1	1	1	1	2	3	3
26.	3	3	2	2	1	2	2	1	1	1	2	1	3	3	2
27.	3	3	3	1	2	2	1	2	1	1	1	1	2	3	2
28.	2	2	2	1	1	2	2	2	1	1	2	1	2	3	3
29.	1	2	2	1	2	1	1	2	1	1	1	1	3	3	3
30.	2	2	2	2	2	1	2	2	1	1	2	1	2	3	2

LAMPIRAN 5 KUISIONER UJI HEDONIK

Panelis yang terhormat.

1. Terima kasih atas partisipasi anda untuk mengisi kuisioner yang saya ajukan. Semua keterangan yang diberikan akan digunakan untuk kepentingan kelengkapan data dan perbaikan formulasi pelet instan.
2. Pengisian dilakukan dengan memberikan penilaian sesuai dengan pendapat anda setelah mencoba minuman teh instan yang disajikan.
3. Atas perhatian Bapak/Ibu/Saudara-i, saya ucapkan terima kasih.

Identitas responden:

Nama :

Umur :

Alamat :

Tabel yang harus diisi:

No	Formula	Nilai			Total nilai
		Aroma	Rasa	warna	
1.	F1				
2.	F2				
3.	F3				

Keterangan :

Agak suka : 1

Suka : 2

Sangat suka: 3

Bandung,2019

LAMPIRAN 6 STATISTIKA

Tabel VI.15 Hasil Optimasi Sukrosa Evaluasi Sudut Diam

Descriptives

sudut diam

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
1	3	36.0067	.44287	.25569	34.9065	37.1068	35.50	36.32
2	3	36.7467	.36019	.20795	35.8519	37.6414	36.38	37.10
3	3	37.4867	.33546	.19368	36.6533	38.3200	37.10	37.70
Total	9	36.7467	.72132	.24044	36.1922	37.3011	35.50	37.70

ANOVA

sudut diam

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	3.286	2	1.643	11.242	.009
Within Groups	.877	6	.146		
Total	4.162	8			

Post Hoc Tests

Multiple Comparisons

Dependent Variable: sudut diam

			Mean Difference			95% Confidence Interval	
	(I) formula	(J) formula	(I-J)	Std. Error	Sig.	Lower Bound	Upper Bound
LSD	1	2	-.74000	.31213	.055	-1.5037	.0237
		3	-1.48000*	.31213	.003	-2.2437	-.7163
	2	1	.74000	.31213	.055	-.0237	1.5037
		3	-.74000	.31213	.055	-1.5037	.0237
	3	1	1.48000*	.31213	.003	.7163	2.2437
		2	.74000	.31213	.055	-.0237	1.5037

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

Homogeneous Subsets

		sudut diam		
	formula	N	Subset for alpha = 0.05	
			1	2
<u>Duncan^a</u>	1	3	36.0067	
	2	3	36.7467	36.7467
	3	3		37.4867
	Sig.		.055	.055

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3.000.

Tabel VI.16 Hasil Optimasi Sukrosa Evaluasi Kadar Air

Descriptives								
kadar air								
	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
1	3	2.1167	.03512	.02028	2.0294	2.2039	2.08	2.15
2	3	2.0833	.04041	.02333	1.9829	2.1837	2.04	2.12
3	3	1.9667	.06110	.03528	1.8149	2.1184	1.90	2.02
Total	9	2.0556	.07939	.02646	1.9945	2.1166	1.90	2.15

ANOVA					
kadar air					
	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	.037	2	.019	8.460	.018
Within Groups	.013	6	.002		
Total	.050	8			

Post Hoc Tests

Multiple Comparisons

Dependent Variable: kadar air

	(I) formula	(J) formula	Mean Difference	Std. Error	Sig.	95% Confidence Interval	
			(I-J)			Lower Bound	Upper Bound
LSD	1	2	.03333	.03830	.418	-.0604	.1270
		3	.15000*	.03830	.008	.0563	.2437
	2	1	-.03333	.03830	.418	-.1270	.0604
		3	.11667*	.03830	.023	.0230	.2104
	3	1	-.15000*	.03830	.008	-.2437	-.0563
		2	-.11667*	.03830	.023	-.2104	-.0230

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

Homogeneous Subsets

kadar air

	formula	N	Subset for alpha = 0.05	
			1	2
<u>Duncan^a</u>	3	3	1.9667	
	2	3		2.0833
	1	3		2.1167
	Sig.		1.000	.418

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3.000.

Tabel VI.17 Hasil Optimasi Sukrosa Evaluasi Laju Alir**Descriptives**

laju alir

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
1	3	7.6033	.20648	.11921	7.0904	8.1163	7.46	7.84
2	3	8.3900	.30265	.17474	7.6382	9.1418	8.05	8.63
3	3	10.3700	.19079	.11015	9.8961	10.8439	10.19	10.57
Total	9	8.7878	1.25175	.41725	7.8256	9.7500	7.46	10.57

ANOVA

laju alir

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	12.194	2	6.097	107.192	.000
Within Groups	.341	6	.057		
Total	12.535	8			

Post Hoc Tests**Multiple Comparisons**

Dependent Variable: laju alir

	(I) formula	(J) formula	Mean Difference	Std. Error	Sig.	95% Confidence Interval	
			(I-J)			Lower Bound	Upper Bound
LSD	1	2	-.78667*	.19473	.007	-1.2631	-.3102
		3	-2.76667*	.19473	.000	-3.2431	-2.2902
	2	1	.78667*	.19473	.007	.3102	1.2631
		3	-1.98000*	.19473	.000	-2.4565	-1.5035
	3	1	2.76667*	.19473	.000	2.2902	3.2431
		2	1.98000*	.19473	.000	1.5035	2.4565

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

Homogeneous Subsets

laju alir

			Subset for alpha = 0.05		
	formula	N	1	2	3
Duncan^a	1	3	7.6033		
	2	3		8.3900	
	3	3			10.3700
	Sig.		1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3.000.

Tabel VI.18 Hasil Optimasi PVP Evaluasi Kadar Air

Descriptives

ka

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
1	3	2.7900	.08544	.04933	2.5778	3.0022	2.70	2.87
2	3	2.8233	.07506	.04333	2.6369	3.0098	2.75	2.90
3	3	2.3033	.16653	.09615	1.8896	2.7170	2.17	2.49
Total	9	2.6389	.27150	.09050	2.4302	2.8476	2.17	2.90

ANOVA

ka

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	.508	2	.254	18.751	.003
Within Groups	.081	6	.014		
Total	.590	8			

Post Hoc Tests

Multiple Comparisons

Dependent Variable: ka

	(I) formula	(J) formula	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
						Lower Bound	Upper Bound
LSD	1	2	-.03333	.09506	.738	-.2659	.1993
		3	.48667*	.09506	.002	.2541	.7193
	2	1	.03333	.09506	.738	-.1993	.2659
		3	.52000*	.09506	.002	.2874	.7526
	3	1	-.48667*	.09506	.002	-.7193	-.2541
		2	-.52000*	.09506	.002	-.7526	-.2874

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

Homogeneous Subsets

ka

	formula	N	Subset for alpha = 0.05	
			1	2
Duncan ^a	3	3	2.3033	
	1	3		2.7900
	2	3		2.8233
	Sig.		1.000	.738

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3.000.

Tabel VI.19 Hasil Optimasi PVP Evaluasi Laju Alir**Descriptives**

la

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
1	3	7.0533	.75162	.43395	5.1862	8.9205	6.58	7.92
2	3	7.7333	.25929	.14970	7.0892	8.3775	7.55	8.03
3	3	7.6167	.18556	.10713	7.1557	8.0776	7.44	7.81
Total	9	7.4678	.51558	.17186	7.0715	7.8641	6.58	8.03

ANOVA

la

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	.793	2	.397	1.785	.246
Within Groups	1.333	6	.222		
Total	2.127	8			

Post Hoc Tests**Multiple Comparisons**

Dependent Variable: la

	(I) formula	(J) formula	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
						Lower Bound	Upper Bound
LSD	1	2	-.68000	.38488	.128	-1.6218	.2618
		3	-.56333	.38488	.194	-1.5051	.3784
	2	1	.68000	.38488	.128	-.2618	1.6218
		3	.11667	.38488	.772	-.8251	1.0584
	3	1	.56333	.38488	.194	-.3784	1.5051
		2	-.11667	.38488	.772	-1.0584	.8251

Homogeneous Subsets

la

	formula	N	Subset for alpha = 0.05 1
Duncan ^a	1	3	7.0533
	3	3	7.6167
	2	3	7.7333
	Sig.		.139

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3.000.

Tabel VI.20 Hasil Optimasi PVP Evaluasi Sudut Diam

Descriptives

sd

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
1	3	38.6133	1.16543	.67286	35.7182	41.5084	37.81	39.95
2	3	39.0000	.06245	.03606	38.8449	39.1551	38.93	39.05
3	3	38.8267	.27737	.16014	38.1376	39.5157	38.52	39.06
Total	9	38.8133	.62282	.20761	38.3346	39.2921	37.81	39.95

ANOVA

sd

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	.225	2	.113	.235	.798
Within Groups	2.878	6	.480		
Total	3.103	8			

Post Hoc Tests

Multiple Comparisons

Dependent Variable: sd

	(I) formula	(J) formula	Mean Difference (I- J)	Std. Error	Sig.	95% Confidence Interval	
						Lower Bound	Upper Bound
LSD	1	2	-.38667	.56550	.520	-1.7704	.9971
		3	-.21333	.56550	.719	-1.5971	1.1704
	2	1	.38667	.56550	.520	-.9971	1.7704
		3	.17333	.56550	.770	-1.2104	1.5571
	3	1	.21333	.56550	.719	-1.1704	1.5971
		2	-.17333	.56550	.770	-1.5571	1.2104

Homogeneous Subsets

sd

			Subset for alpha = 0.05
	formula	N	1
Duncan ^a	1	3	38.6133
	3	3	38.8267
	2	3	39.0000
	Sig.		.532

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3.000.

Tabel VI. 21 Hasil Evaluasi Sudut Diam Sferoid

Descriptives

SD								
	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
1	3	35.2100	.23388	.13503	34.6290	35.7910	34.94	35.35
2	3	37.2233	1.92786	1.11305	32.4343	42.0124	35.02	38.60
3	3	36.1333	1.21327	.70048	33.1194	39.1473	35.22	37.51
Total	9	36.1889	1.43966	.47989	35.0823	37.2955	34.94	38.60

ANOVA

SD					
	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	6.094	2	3.047	1.743	.253
Within Groups	10.487	6	1.748		
Total	16.581	8			

Post Hoc Tests

Multiple Comparisons

Dependent Variable: SD

	(I) formula	(J) formula	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
LSD	1	2	-.201333	1.07944	.111	-4.6546	.6280
		3	-.92333	1.07944	.425	-3.5646	1.7180
	2	1	2.01333	1.07944	.111	-.6280	4.6546
		3	1.09000	1.07944	.352	-1.5513	3.7313
	3	1	.92333	1.07944	.425	-1.7180	3.5646
		2	-1.09000	1.07944	.352	-3.7313	1.5513

Homogeneous Subsets

SD

	formula	N	Subset for alpha = 0.05
Duncan ^a	1	3	35.2100
	3	3	36.1333
	2	3	37.2233
	Sig.		.122

Means for groups in homogeneous subsets are:

Tabel VI. 22 Hasil Evaluasi Kadar Air Sferoid**Descriptives**

KD

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
1	3	2.6133	.38553	.22259	1.6556	3.5710	2.17	2.87
2	3	2.4900	.07550	.04359	2.3025	2.6775	2.42	2.57
3	3	2.7733	.03215	.01856	2.6935	2.8532	2.75	2.81
Total	9	2.6256	.23233	.07744	2.4470	2.8041	2.17	2.87

ANOVA

KD

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	.121	2	.061	1.169	.373
Within Groups	.311	6	.052		
Total	.432	8			

Post Hoc Tests**Multiple Comparisons**

Dependent Variable: KD

	(I) formula	(J) formula	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
LSD	1	2	.12333	.18581	.532	-.3313	.5780
		3	-.16000	.18581	.422	-.6147	.2947
	2	1	-.12333	.18581	.532	-.5780	.3313
		3	-.28333	.18581	.178	-.7380	.1713
	3	1	.16000	.18581	.422	-.2947	.6147
		2	.28333	.18581	.178	-.1713	.7380

Homogeneous Subsets

KD

		Subset for alpha = 0.05	
	formula	N	1
Duncan ^a	2	3	2.4900
	1	3	2.6133
	3	3	2.7733
	Sig.		.191

Tabel VI.23 Hasil Evaluasi Laju Alir Sferoid

Descriptives

LA

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
1	3	7.7200	.55749	.32187	6.3351	9.1049	7.08	8.10
2	3	7.3933	.30925	.17854	6.6251	8.1615	7.05	7.65
3	3	7.1567	.44411	.25641	6.0534	8.2599	6.82	7.66
Total	9	7.4233	.45927	.15309	7.0703	7.7764	6.82	8.10

ANOVA

LA

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	.480	2	.240	1.193	.366
Within Groups	1.207	6	.201		
Total	1.687	8			

Post Hoc Tests

Multiple Comparisons

Dependent Variable: LA

	(I) formula	(J) formula	Mean Difference (I- J)	Std. Error	Sig.	95% Confidence Interval	
						Lower Bound	Upper Bound
LSD	1	2	.32667	.36626	.407	-.5695	1.2229
		3	.56333	.36626	.175	-.3329	1.4595
	2	1	-.32667	.36626	.407	-1.2229	.5695
		3	.23667	.36626	.542	-.6595	1.1329
	3	1	-.56333	.36626	.175	-1.4595	.3329
		2	-.23667	.36626	.542	-1.1329	.6595

Homogeneous Subsets

LA

	formula	N	Subset for alpha = 0.05
			1
Duncan ^a	3	3	7.1567
	2	3	7.3933
	1	3	7.7200
	Sig.		.188

VI.24 Hasil Evaluasi Kadar Air Pelet Salut

Descriptives

Kadar air								
	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
formula 3a (salut)	3	2.0267	.05859	.03383	1.8811	2.1722	1.96	2.07
formula 3b (salut)	3	2.0833	.04726	.02728	1.9659	2.2007	2.03	2.12
formula 3c (salut)	3	2.1467	.02517	.01453	2.0842	2.2092	2.12	2.17
formula 4 (tanpa salut)	3	2.1567	.08327	.04807	1.9498	2.3635	2.09	2.25
formula 3o (sebelum salut)	3	2.6233	.14048	.08110	2.2744	2.9723	2.49	2.77
Total	15	2.2073	.23113	.05968	2.0793	2.3353	1.96	2.77

ANOVA

Kadar air					
	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	.682	4	.170	25.858	.000
Within Groups	.066	10	.007		
Total	.748	14			

Post Hoc Tests

Multiple Comparisons								
Dependent Variable: Kadar air								
	(i) formula	(j) formula	Mean Difference (i-j)	Std. Error	Sig.	95% Confidence Interval		
						Lower Bound	Upper Bound	
LSD	formula 3a (salut)	formula 3b (salut)	-.05667	.06630	.413	-.2044	.0911	
		formula 3c (salut)	-.12000	.06630	.100	-.2677	.0277	
		formula 4 (tanpa salut)	-.13000	.06630	.078	-.2777	.0177	
		formula 3o (sebelum salut)	-.58667 [*]	.06630	.000	-.7444	-.4489	
	formula 3b (salut)	formula 3a (salut)	.05667	.06630	.413	-.0911	.2044	
		formula 3c (salut)	-.06333	.06630	.362	-.2111	.0844	
		formula 4 (tanpa salut)	-.07333	.06630	.295	-.2211	.0744	
		formula 3o (sebelum salut)	-.54000 [*]	.06630	.000	-.6877	-.3923	
	formula 3c (salut)	formula 3a (salut)	.12000	.06630	.100	-.0277	.2677	
		formula 3b (salut)	.06333	.06630	.362	-.0844	.2111	
		formula 4 (tanpa salut)	-.01000	.06630	.883	-.1577	.1377	
		formula 3o (sebelum salut)	-.47667 [*]	.06630	.000	-.6244	-.3289	
	formula 4 (tanpa salut)	formula 3a (salut)	.13000	.06630	.078	-.0177	.2777	
		formula 3b (salut)	.07333	.06630	.295	-.0744	.2211	
		formula 3c (salut)	.01000	.06630	.883	-.1377	.1577	
		formula 3o (sebelum salut)	-.46667 [*]	.06630	.000	-.6144	-.3189	
	formula 3o (sebelum salut)	formula 3a (salut)	.58667 [*]	.06630	.000	.4489	.7444	
		formula 3b (salut)	.54000 [*]	.06630	.000	.3923	.6877	
		formula 3c (salut)	.47667 [*]	.06630	.000	.3289	.6244	
		formula 4 (tanpa salut)	.46667 [*]	.06630	.000	.3189	.6144	

Homogeneous Subsets

Kadar air

			Subset for alpha = 0.05	
	formula	N	1	2
Duncan ^a	formula 3a (salut)	3	2.0267	
	formula 3b (salut)	3	2.0833	
	formula 3c (salut)	3	2.1467	
	formula 4 (tanpa salut)	3	2.1567	
	formula 3o (sebelum salut)	3		2.6233
	Sig.		.097	1.000

VI.25 Hasil Evaluasi Laju alir Pelet Salut

Descriptives

Laju alir

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
formula 3a (salut)	3	6.6300	.12124	.07000	6.3288	6.9312	6.52	6.76
formula 3b (salut)	3	6.1033	.15144	.08743	5.7271	6.4795	5.93	6.21
formula 3c (salut)	3	7.8500	.24331	.14048	7.2456	8.4544	7.57	8.01
formula 4 (tanpa salut)	3	7.7800	.02646	.01528	7.7143	7.8457	7.76	7.81
formula 3o (sebelum salut)	3	7.4200	.28618	.16523	6.7091	8.1309	7.15	7.72
Total	15	7.1567	.72385	.18690	6.7558	7.5575	5.93	8.01

ANOVA

Laju alir

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	6.976	4	1.744	48.601	.000
Within Groups	.359	10	.036		
Total	7.335	14			

Post Hoc Tests

Multiple Comparisons

Dependent Variable: Laju alir

	(i) formula	(j) formula	Mean Difference (i-j)	Std. Error	Sig.	95% Confidence Interval	
						Lower Bound	Upper Bound
LSD	formula 3a (salut)	formula 3b (salut)	.52667 [*]	.15468	.007	.1820	.8713
		formula 3c (salut)	-.12200 [*]	.15468	.000	-1.5646	-.8754
		formula 4 (tanpa salut)	-.11500 [*]	.15468	.000	-1.4846	-.8054
		formula 3o (sebelum salut)	-.79000 [*]	.15468	.000	-1.1346	-.4454
	formula 3b (salut)	formula 3a (salut)	-.52667 [*]	.15468	.007	-.8713	-.1820
		formula 3c (salut)	-.174567 [*]	.15468	.000	-2.0913	-1.4020
		formula 4 (tanpa salut)	-.167667 [*]	.15468	.000	-2.0213	-1.3320
		formula 3o (sebelum salut)	-.131667 [*]	.15468	.000	-1.6613	-.9720
	formula 3c (salut)	formula 3a (salut)	1.22000 [*]	.15468	.000	.8754	1.5646
		formula 3b (salut)	1.74567 [*]	.15468	.000	1.4020	2.0913
		formula 4 (tanpa salut)	.07000 [*]	.15468	.661	-.2746	.4146
		formula 3o (sebelum salut)	.43000 [*]	.15468	.019	.0854	.7746
	formula 4 (tanpa salut)	formula 3a (salut)	1.15000 [*]	.15468	.000	.8054	1.4946
		formula 3b (salut)	1.67667 [*]	.15468	.000	1.3320	2.0213
		formula 3c (salut)	-.07000 [*]	.15468	.661	-.4146	.2746
		formula 3o (sebelum salut)	.35000 [*]	.15468	.042	.0154	.7046
	formula 3o (sebelum salut)	formula 3a (salut)	.79000 [*]	.15468	.000	.4454	1.1346
		formula 3b (salut)	1.31667 [*]	.15468	.000	.9720	1.6613
		formula 3c (salut)	-.43000 [*]	.15468	.019	-.7746	-.0854
		formula 4 (tanpa salut)	-.35000 [*]	.15468	.042	-.7046	-.0154

Homogeneous Subsets

Laju alir

			Subset for alpha = 0.05			
	formula	N	1	2	3	4
Duncan ^a	formula 3b (salut)	3	6.1033			
	formula 3a (salut)	3		6.6300		
	formula 3o (sebelum salut)	3			7.4200	
	formula 4 (tanpa salut)	3				7.7800
	formula 3c (salut)	3				7.8500
	Sig.		1.000	1.000	1.000	.661

VI.26 Hasil Evaluasi Sudut Diam Pelet Salut

Descriptives

Sudut diam								
	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
formula 3a (salut)	3	25.7467	1.03040	.59490	23.1870	28.3063	24.70	26.76
formula 3b (salut)	3	33.6567	1.72257	.99452	29.3776	37.9358	31.81	35.22
formula 3c (salut)	3	30.3167	1.16372	.67187	27.4258	33.2075	29.33	31.60
formula 4 (tanpa salut)	3	26.9533	.76788	.44333	25.0458	28.8608	26.13	27.65
formula 3o (sebelum salut)	3	36.1833	1.01106	.58373	33.6717	38.6949	35.20	37.22
Total	15	30.5713	4.19462	1.08305	28.2484	32.8942	24.70	37.22

ANOVA

Sudut diam					
	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	232.338	4	58.085	41.518	.000
Within Groups	13.990	10	1.399		
Total	246.328	14			

Post Hoc Tests

Multiple Comparisons

Dependent Variable: Sudut diam							
			Mean Difference			95% Confidence Interval	
	(i) formula	(j) formula	(i-j)	Std. Error	Sig.	Lower Bound	Upper Bound
LSD	formula 3a (salut)	formula 3b (salut)	-7.91000 ^a	.96575	.000	-10.0818	-5.7582
		formula 3c (salut)	-4.57000 ^a	.96575	.001	-6.7218	-2.4182
		formula 4 (tanpa salut)	-1.20867	.96575	.240	-3.3585	.9452
		formula 3o (sebelum salut)	-10.43667 ^a	.96575	.000	-12.5885	-8.2848
	formula 3b (salut)	formula 3a (salut)	7.91000 ^a	.96575	.000	5.7582	10.0818
		formula 3c (salut)	3.34000 ^a	.96575	.006	1.1882	5.4918
		formula 4 (tanpa salut)	6.70333 ^a	.96575	.000	4.5515	8.8552
		formula 3o (sebelum salut)	-2.52667 ^a	.96575	.026	-4.6785	-.3748
	formula 3c (salut)	formula 3a (salut)	4.57000 ^a	.96575	.001	2.4182	6.7218
		formula 3b (salut)	-3.34000 ^a	.96575	.006	-5.4918	-1.1882
		formula 4 (tanpa salut)	3.36333 ^a	.96575	.006	1.2115	5.5152
		formula 3o (sebelum salut)	-5.86667 ^a	.96575	.000	-8.0185	-3.7148
	formula 4 (tanpa salut)	formula 3a (salut)	1.20867	.96575	.240	-.9452	3.3585
		formula 3b (salut)	-6.70333 ^a	.96575	.000	-8.8552	-4.5515
		formula 3c (salut)	-3.36333 ^a	.96575	.006	-5.5152	-1.2115
		formula 3o (sebelum salut)	-9.23000 ^a	.96575	.000	-11.3818	-7.0782
	formula 3o (sebelum salut)	formula 3a (salut)	10.43667 ^a	.96575	.000	8.2848	12.5885
		formula 3b (salut)	2.52667 ^a	.96575	.026	.3748	4.6785
		formula 3c (salut)	5.86667 ^a	.96575	.000	3.7148	8.0185
		formula 4 (tanpa salut)	9.23000 ^a	.96575	.000	7.0782	11.3818

Homogeneous Subsets

Sudut diam

			Subset for alpha = 0.05			
	formula	N	1	2	3	4
Duncan ^a	formula 3a (salut)	3	25.7467			
	formula 4 (tanpa salut)	3	26.9533			
	formula 3c (salut)	3		30.3167		
	formula 3b (salut)	3			33.6567	
	formula 3o (sebelum salut)	3				36.1833
	Sig.		.240	1.000	1.000	1.000

LAMPIRAN 7

(a)F3a pelet salut 20%



(b) F3b pelet salut 15%



(b)F3c pelet salut 10%



(c)F4 tanpa salut



(a)F3a Teh hitam 20%



(b)F3b Teh hitam15%



(c)F3c Teh hitam 10%



(d)F4 tanpa salut



Proses penyalutan

LAMPIRAN 8

Surat determinasi teh hitam



INSTITUT TEKNOLOGI BANDUNG

SEKOLAH ILMU DAN TEKNOLOGI HAYATI

Jalan Ganesha 10 Bandung 40132, Telp: (022) 251 1575, 250 0258, Fax (022) 253 4107

e-mail : sith@itb.ac.id http://www.sith.itb.ac.id

Nomor : 2208/IT.CO2.2/PI/2019
Hal : Determinasi tumbuhan

18 April 2019

Kepada Yth.
Ketua
Sekolah Tinggi Farmasi Bandung
Jalan Soekarno Hatta No. 754
Bandung

Memperhatikan surat permintaan Saudara dalam surat No. 1304 WKI-S1/s/2018 tanggal 1 November 2018 mengenai determinasi tumbuhan, dengan ini kami sampaikan bahwa setelah dilakukan determinasi oleh staf kami, sampel tumbuhan yang dibawa oleh Sdr. Melestri Eliyanti (NPM: 131710295), adalah :

Divisi	: Magnoliophyta
Kelas	: Magnoliopsida (Dicots)
Anak kelas	: Dilleniidae
Bangsa	: Theales
Nama suku / familia	: Theaceae
Nama jenis / species	: <i>Camellia sinensis</i> (L.) Kuntze
Sinonim	: <i>Thea sinensis</i> L., <i>Camellia thea</i> Link
Nama umum	: Tea (Inggris), teh (Indonesia)
Buku acuan	: 1. Backer, C.A. & Bakhuizen van den Brink, Jr. R.C. 1963. Flora of Java. Volume I. N.V.P. Noordhoff - Groningen, the Netherlands. pp. 320. 2. Schoorel, A.F. & van der Vossen, H.A.M. 2000. <i>Camellia sinensis</i> (L.) Kuntze. In: van der Vossen, H.A.M. & Wessel, M. (Eds.). Plant Resources of South-East Asia No. 16 Stimulants. Backhuy Publisher, Leiden. pp. 55 - 63. 3. Cronquist, A. 1981. An Integrated System of Classification of Flowering Plants. Columbia Press, New York. pp. Xiii - Xviii.

Demikian yang kami sampaikan. Atas perhatian dan kerjasama yang diberikan, kami ucapkan terima kasih.



Wakil Dekan Bidang Sumber Daya,

Dr. Irtawati

NIP. 19620507198832001

Tembusan:
Dekan SITH ITB, sebagai laporan.

