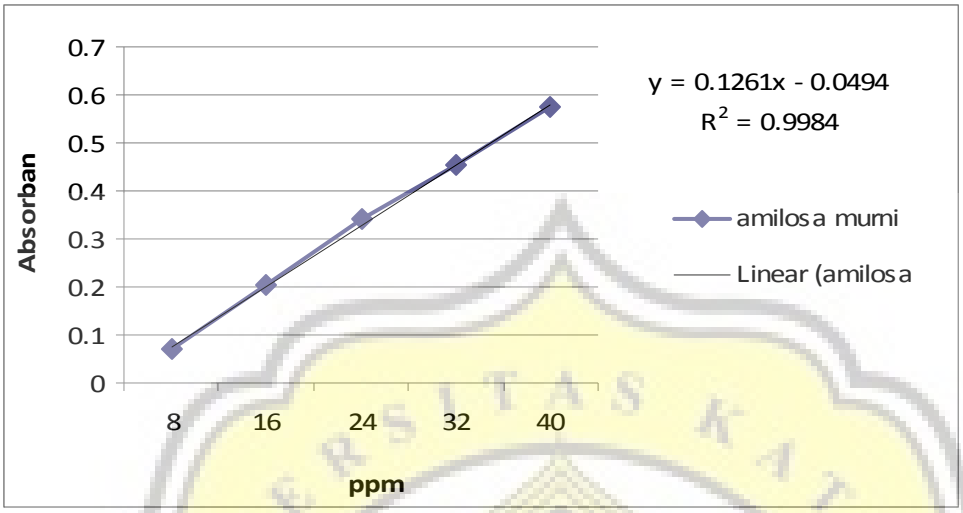
7. LAMPIRAN

Lampiran 1. Grafik Kurva Standart Amilosa



Lampiran 2. Kuisioner Sensori Mie

KUISIONER UJI SENSORY MIE BASAH

Nama :
Tanggal :
Atribut : Kekenyalan

Dihadapan anda tersedia 8 jenis sampel mie dengan formulasi yang berbeda. Kunyahlah sampel dengan gigi geraham. Kunyahlah dari sampel sebelah kiri ke kanan sesering yang anda perlukan. Setiap kali akan mengunyah sampel yang berbeda berkumurlah dengan air tawar sekitar 30 detik. Kemudian beri skor kekenyalan setiap sampel. Skor 1 untuk sampel yang paling anda tidak sukai sampai skor 5 untuk sampel yang paling anda sukai. (Pemberian skor boleh dobel).

Kode sampel	Skor (Rating)

---Terima kasih---

KUISIONER UJI SENSORY MIE BASAH

Nama :
Tanggal :
Atribut : *Overall* Rasa

Dihadapan anda tersedia 8 jenis sampel mie dengan formulasi yang berbeda. Cicipilah sampel dari sampel sebelah kiri ke kanan sesering yang anda perlukan. Setiap kali akan mencicipi sampel yang berbeda berkumurlah dengan air tawar sekitar 30 detik. Kemudian beri skor *overall* rasa setiap sampel. Skor 1 untuk sampel yang paling anda tidak sukai sampai skor 5 untuk sampel yang paling anda sukai. (Pemberian skor boleh dobel).

Kode sampel	Skor (Rating)

---Terima kasih---

KUISIONER UJI SENSORY MIE BASAH

Nama :
Tanggal :
Atribut : *Overall* Tekstur

Dihadapan anda tersedia 8 jenis sampel mie dengan formulasi yang berbeda. Kunyahlah sampel tersebut. Kunyahlah dari sampel sebelah kiri ke kanan sesering yang anda perlukan. Setiap kali akan mengunyah sampel yang berbeda berkumurlah dengan air tawar sekitar 30 detik. Kemudian beri skor *overall* tekstur setiap sampel. Skor 1 untuk sampel yang paling anda tidak sukai sampai skor 5 untuk sampel yang paling anda sukai. (Pemberian skor boleh dobel).

Kode sampel	Skor (Rating)

---Terima kasih---

Lampiran 3. Tabel Normalitas Berdasarkan Penggunaan Hidrokoloid

Tests of Normality

		Kolmogorov-Smirnov[a]			Shapiro-Wilk		
	hidrokoloid	Statistic	df	Sig.	Statistic	df	Sig.
cook_loss	karagenan	.149	24	.177	.905	24	.028
	xanthan gum	.141	24	.200*	.928	24	.089
	kontrol	.238	6	.200*	.925	6	.541
cook_yield	karagenan	.140	24	.200*	.884	24	.010
	xanthan gum	.157	24	.133	.978	24	.851
	kontrol	.184	6	.200*	.967	6	.872
kelentingan	karagenan	.098	24	.200*	.931	24	.100
	xanthan gum	.073	24	.200*	.982	24	.922
	kontrol	.215	6	.200*	.921	6	.515
Kad_air	karagenan	.104	24	.200*	.972	24	.712
	xanthan gum	.112	24	.200*	.954	24	.338
	kontrol	.187	6	.200*	.974	6	.918
Kad_abu	karagenan	.124	24	.200*	.933	24	.115
	xanthan gum	.082	24	.200*	.975	24	.793
	kontrol	.240	6	.200*	.930	6	.579
amilosa	karagenan	.145	24	.200*	.906	24	.029
	xanthan gum	.140	24	.200*	.929	24	.091
	kontrol	.205	6	.200*	.927	6	.561
protein	karagenan	.170	24	.070	.862	24	.004
	xanthan gum	.173	24	.061	.916	24	.049
	kontrol	.250	6	.200*	.932	6	.595
lemak	karagenan	.128	24	.200*	.931	24	.102
	xanthan gum	.164	24	.095	.924	24	.072
	kontrol	.262	6	.200*	.848	6	.152
karbohidrat	karagenan	.163	24	.097	.887	24	.011
	xanthan gum	.111	24	.200*	.963	24	.508
	kontrol	.182	6	.200*	.938	6	.641

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

a. Lilliefors Significance Correction

Lampiran 4. Tabel Normalitas Berdasarkan Penggunaan Konsentrasi Kedelai

Tests of Normality

		Kolmogorov-Smirnov[a]			Shapiro-Wilk		
	T.kedelai	Statistic	df	Sig.	Statistic	df	Sig.
cook_loss	0%	.120	12	.200*	.966	12	.865
	5%	.184	12	.200*	.918	12	.272
	10%	.206	12	.170	.835	12	.024
	15%	.198	12	.200*	.864	12	.055
	kontrol	.238	6	.200*	.925	6	.541
cook_yield	0%	.187	12	.200*	.916	12	.252
	5%	.211	12	.147	.951	12	.655
	10%	.172	12	.200*	.904	12	.181
	15%	.156	12	.200*	.935	12	.442
	kontrol	.184	6	.200*	.967	6	.872
kelentingan	0%	.142	12	.200*	.937	12	.458
	5%	.212	12	.144	.907	12	.195
	10%	.127	12	.200*	.914	12	.242
	15%	.164	12	.200*	.934	12	.425
	kontrol	.215	6	.200*	.921	6	.515
Kad_air	0%	.243	12	.048	.860	12	.049
	5%	.122	12	.200*	.937	12	.461
	10%	.177	12	.200*	.893	12	.128
	15%	.177	12	.200*	.946	12	.583
	kontrol	.187	6	.200*	.974	6	.918
Kad_abu	0%	.201	12	.196	.912	12	.229
	5%	.212	12	.142	.858	12	.046
	10%	.214	12	.135	.782	12	.006
	15%	.211	12	.147	.884	12	.098
	kontrol	.240	6	.200*	.930	6	.579
amilosa	0%	.191	12	.200*	.866	12	.058
	5%	.240	12	.055	.828	12	.020
	10%	.224	12	.097	.854	12	.041
	15%	.187	12	.200*	.921	12	.290
	kontrol	.205	6	.200*	.927	6	.561
protein	0%	.185	12	.200*	.889	12	.114
	5%	.145	12	.200*	.924	12	.324
	10%	.108	12	.200*	.965	12	.849
	15%	.183	12	.200*	.877	12	.081
	kontrol	.250	6	.200*	.932	6	.595
lemak	0%	.239	12	.056	.805	12	.011
	5%	.215	12	.131	.869	12	.063
	10%	.232	12	.075	.889	12	.116
	15%	.231	12	.076	.900	12	.160
	kontrol	.262	6	.200*	.848	6	.152
karbohidrat	0%	.229	12	.081	.829	12	.020
	5%	.213	12	.138	.920	12	.288
	10%	.205	12	.175	.938	12	.477
	15%	.256	12	.029	.868	12	.062
	kontrol	.182	6	.200*	.938	6	.641

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

a. Lilliefors Significance Correction

Lampiran 5. Hasil Analisa Kimia Uji Post Hoc (One Way Anova) Pada Mie Dilihat dari Penambahan Hidrokoloid

Descriptives

		N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
						Lower Bound	Upper Bound		
C_LOSS	1.00	24	1.8758	.21917	.04474	1.7833	1.9684	1.52	2.19
	2.00	24	1.9792	.27475	.05608	1.8632	2.0952	1.56	2.40
	3.00	6	2.1750	.07064	.02884	2.1009	2.2491	2.10	2.28
	Total	54	1.9550	.25031	.03406	1.8867	2.0233	1.52	2.40
C_YIELD	1.00	24	36.0758	1.60231	.32707	35.3992	36.7524	33.25	38.09
	2.00	24	36.0879	2.28375	.46617	35.1236	37.0523	30.89	41.44
	3.00	6	34.5917	3.69853	1.50992	30.7103	38.4730	29.06	40.31
	Total	54	35.9163	2.21167	.30097	35.3126	36.5200	29.06	41.44
KELENTIN	1.00	24	4.1317	1.67851	.34262	3.4229	4.8404	1.91	8.94
	2.00	24	3.7025	.82635	.16868	3.3536	4.0514	2.29	5.38
	3.00	6	3.0150	.46548	.19003	2.5265	3.5035	2.42	3.56
	Total	54	3.8169	1.28958	.17549	3.4649	4.1688	1.91	8.94
K_AIR	1.00	24	68.8313	1.74472	.35614	68.0945	69.5680	65.68	72.13
	2.00	24	70.2396	2.68599	.54828	69.1054	71.3738	65.81	74.82
	3.00	6	68.9800	.61293	.25023	68.3368	69.6232	68.12	69.97
	Total	54	69.4737	2.22877	.30330	68.8654	70.0820	65.68	74.82
K_ABU	1.00	24	2.0900	.33244	.06786	1.9496	2.2304	1.57	2.59
	2.00	24	2.0588	.31738	.06479	1.9247	2.1928	1.49	2.62
	3.00	6	3.3550	.03886	.01586	3.3142	3.3958	3.31	3.41
	Total	54	2.2167	.50702	.06900	2.0783	2.3551	1.49	3.41
LEMAK	1.00	24	4.0442	.74167	.15139	3.7310	4.3573	3.04	5.48
	2.00	24	4.6604	1.07558	.21955	4.2062	5.1146	2.95	6.13
	3.00	6	3.5817	.18454	.07534	3.3880	3.7753	3.38	3.80
	Total	54	4.2667	.94324	.12836	4.0092	4.5241	2.95	6.13
PROTEIN	1.00	24	18.5204	2.89047	.59001	17.2999	19.7410	13.02	22.05
	2.00	24	19.2096	1.81917	.37134	18.4414	19.9778	15.98	23.55
	3.00	6	16.5767	.54150	.22107	16.0084	17.1449	15.87	17.33
	Total	54	18.6107	2.39248	.32558	17.9577	19.2638	13.02	23.55
KARBOHRA	1.00	24	7.1050	4.99137	1.01886	4.9973	9.2127	1.45	15.81
	2.00	24	4.3733	2.65294	.54153	3.2531	5.4936	.06	9.13
	3.00	6	7.5067	.74551	.30435	6.7243	8.2890	6.39	8.32
	Total	54	5.9356	3.99027	.54301	4.8464	7.0247	.06	15.81
AMILOSA	1.00	24	9.7300	1.63552	.33385	9.0394	10.4206	7.67	12.95
	2.00	24	12.7771	1.16630	.23807	12.2846	13.2696	10.47	14.53
	3.00	6	15.3283	.22737	.09282	15.0897	15.5669	14.99	15.57
	Total	54	11.7063	2.35139	.31998	11.0645	12.3481	7.67	15.57

Lampiran 6. Hasil Analisa Kimia Uji Post Hoc (One Way Anova) Pada Mie Dilihat dari Penambahan Tepung Kedelai

Descriptives

		N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
						Lower Bound	Upper Bound		
C_LOSS	1.00	12	1.5800	.03766	.01087	1.5561	1.6039	1.52	1.64
	2.00	12	1.8700	.04178	.01206	1.8435	1.8965	1.82	1.95
	3.00	12	2.0650	.16941	.04890	1.9574	2.1726	1.90	2.40
	4.00	12	2.1950	.06346	.01832	2.1547	2.2353	2.13	2.32
	Total	48	1.9275	.25134	.03628	1.8545	2.0005	1.52	2.40
C_YIELD	1.00	12	34.3567	1.08871	.31428	33.6649	35.0484	33.05	36.28
	2.00	12	35.8575	2.72456	.78651	34.1264	37.5886	30.89	41.44
	3.00	12	36.5650	.73768	.21295	36.0963	37.0337	35.20	37.38
	4.00	12	37.5483	1.10379	.31864	36.8470	38.2497	35.11	39.76
	Total	48	36.0819	1.95159	.28169	35.5152	36.6486	30.89	41.44
KELENTIN	1.00	12	3.1542	.73779	.21298	2.6854	3.6229	2.29	4.64
	2.00	12	4.9133	1.74491	.50371	3.8047	6.0220	2.82	8.94
	3.00	12	4.4075	.57219	.16518	4.0439	4.7711	3.08	5.06
	4.00	12	3.1933	1.02551	.29604	2.5418	3.8449	1.91	5.38
	Total	48	3.9171	1.32662	.19148	3.5319	4.3023	1.91	8.94
K_AIR	1.00	12	70.4725	3.48467	1.00594	68.2584	72.6866	65.68	74.82
	2.00	12	67.2400	1.09311	.31555	66.5455	67.9345	65.81	68.96
	3.00	12	69.3658	.87777	.25339	68.8081	69.9235	68.08	70.45
	4.00	12	71.0633	.47034	.13578	70.7645	71.3622	70.25	72.13
	Total	48	69.5354	2.35087	.33932	68.8528	70.2180	65.68	74.82
K_ABU	1.00	12	1.7200	.10045	.02900	1.6562	1.7838	1.57	1.88
	2.00	12	1.9650	.15837	.04572	1.8644	2.0656	1.58	2.12
	3.00	12	2.2208	.26630	.07688	2.0516	2.3900	1.49	2.45
	4.00	12	2.3917	.23108	.06671	2.2448	2.5385	1.92	2.62
	Total	48	2.0744	.32191	.04646	1.9809	2.1678	1.49	2.62
LEMAK	1.00	12	3.1342	.19299	.05571	3.0115	3.2568	2.95	3.53
	2.00	12	4.1325	.43056	.12429	3.8589	4.4061	3.60	4.88
	3.00	12	4.6125	.50572	.14599	4.2912	4.9338	3.97	5.31
	4.00	12	5.5300	.49661	.14336	5.2145	5.8455	4.76	6.13
	Total	48	4.3523	.96555	.13936	4.0719	4.6327	2.95	6.13
PROTEIN	1.00	12	15.5292	1.65982	.47915	14.4746	16.5838	13.02	17.65
	2.00	12	18.6433	.60300	.17407	18.2602	19.0265	17.56	19.48
	3.00	12	20.1133	.69947	.20192	19.6689	20.5578	18.68	21.08
	4.00	12	21.1742	1.26056	.36389	20.3732	21.9751	19.08	23.55
	Total	48	18.8650	2.41439	.34849	18.1639	19.5661	13.02	23.55
KARBOHRA	1.00	12	9.6442	5.04801	1.45723	6.4368	12.8515	3.60	15.81
	2.00	12	8.1025	1.11154	.32088	7.3963	8.8087	5.50	9.75
	3.00	12	3.7708	.74476	.21499	3.2976	4.2440	2.69	5.00
	4.00	12	1.4392	.74190	.21417	.9678	1.9105	.06	2.37
	Total	48	5.7392	4.18822	.60452	4.5230	6.9553	.06	15.81
AMILOSA	1.00	12	12.9333	.86210	.24887	12.3856	13.4811	11.78	13.92
	2.00	12	11.4317	1.74630	.50411	10.3221	12.5412	9.12	13.46
	3.00	12	10.8867	2.64055	.76226	9.2089	12.5644	7.80	14.53
	4.00	12	9.7625	1.45456	.41990	8.8383	10.6867	7.67	11.79
	Total	48	11.2535	2.08452	.30087	10.6483	11.8588	7.67	14.53

Lampiran 7. Uji Beda Nyata Kadar Air dilihat dari Jenis Hidrokoloidnya

ulg	karagenan	kuadrat	xanthan gum	kuadrat	kontrol	kuadrat
1	67.41	4544.1081	72.75	5292.5625	69.21	4790.0241
2	68.96	4755.4816	72.86	5308.5796	68.12	4640.3344
3	67.87	4606.3369	74.82	5598.0324	68.67	4715.5689
4	66.89	4474.2721	74.51	5551.7401	69.97	4895.8009
5	65.68	4313.8624	73.52	5405.1904	68.89	4745.8321
6	66.75	4455.5625	73.65	5424.3225	69.02	4763.7604
7	66.65	4442.2225	65.81	4330.9561		
8	67.71	4584.6441	65.89	4341.4921		
9	67.2	4515.84	67.62	4572.4644		
10	68.96	4755.4816	66.15	4375.8225		
11	68.18	4648.5124	66.38	4406.3044		
12	67.43	4546.8049	68.9	4747.21		
13	69.48	4827.4704	68.11	4638.9721		
14	69.77	4867.8529	68.35	4671.7225		
15	68.08	4634.8864	69.78	4869.2484		
16	70.45	4963.2025	70.07	4909.8049		
17	68.55	4699.1025	70.11	4915.4121		
18	69.29	4801.1041	70.35	4949.1225		
19	70.82	5015.4724	71.47	5107.9609		
20	71.12	5058.0544	71.01	5042.4201		
21	70.25	4935.0625	70.88	5023.9744		
22	70.82	5015.4724	71.1	5055.21		
23	72.13	5202.7369	70.9	5026.81		
24	71.5	5112.25	70.76	5006.9776		
sum	1651.95	113775.797	1685.75	118572.313	413.88	28551.321
average	68.83125	4740.65819	70.239583	4940.51302	68.98	4758.5535
sum kuadrat	2728938.8	1.2945E+10	2841753.1	1.4059E+10	171296.65	815177919
CF	14439.725					
SSTreat	246221.88					
SSTot	246459.71					
SSE	237.82636					

ANOVA

SV	df	SS	MS	Fhit	Ftabel
Perlak	2	246221.879	123110.94	26400.1768	3.34
Error	51	237.826358	4.6632619		
Total	53	246459.705	4650.1831		

Air

treatment	68.83125	68.98	70.2395833	MSE	4.6632619
ranking	1	2	3		
ket	karag	kontrol	xanthan		
ulangan	24	24	6		
	0.38860516	0.3886052	1.55442064		
sd	0.62338203				

rP (0,05)		
2	3.03	1.3356169
3	3.18	1.4017366

ranking					
2	3 vs 1	1.40833333	dibandingkan dengan R3	beda	a
1.4142136	3 vs 2	1.25958333	dibandingkan dengan R2	sama	ba
	2 vs 1	0.14875	dibandingkan dengan R2	sama	b

Lampiran 8. Uji Beda Nyata Kadar Abu dilihat dari Jenis Hidrokoloidnya

ulg	karagenan	kuadrat	xanthan gun	kuadrat	kontrol	kuadrat
1	1.65	2.7225	1.66	2.7556	3.33	11.0889
2	1.57	2.4649	1.88	3.5344	3.39	11.4921
3	1.63	2.6569	1.67	2.7889	3.33	11.0889
4	1.69	2.8561	1.8	3.24	3.41	11.6281
5	1.72	2.9584	1.86	3.4596	3.31	10.9561
6	1.67	2.7889	1.84	3.3856	3.36	11.2896
7	1.77	3.1329	1.9	3.61		
8	1.97	3.8809	1.58	2.4964		
9	1.95	3.8025	2.05	4.2025		
10	2.08	4.3264	1.95	3.8025		
11	2.1	4.41	2	4		
12	2.11	4.4521	2.12	4.4944		
13	2.14	4.5796	2.05	4.2025		
14	2.45	6.0025	1.49	2.2201		
15	2.21	4.8841	2.16	4.6656		
16	2.37	5.6169	2.21	4.8841		
17	2.35	5.5225	2.32	5.3824		
18	2.45	6.0025	2.45	6.0025		
19	1.92	3.6864	2.06	4.2436		
20	2.29	5.2441	2.37	5.6169		
21	2.36	5.5696	2.23	4.9729		
22	2.55	6.5025	2.62	6.8644		
23	2.59	6.7081	2.52	6.3504		
24	2.57	6.6049	2.62	6.8644		
sum	50.16	107.3762	49.41	104.0397	20.13	67.5437
average	2.09	4.4740083	2.05875	4.3349875	3.355	11.257283
sum kuadrat	2516.0256	11529.648	2441.3481	10824.259	405.2169	4562.1514

CF	20.066279
SSTreat	254.02711
SSTot	258.89332
SSE	4.8662125

ANOVA

SV	df	SS	MS	Fhit	Ftabel
Perlak	2	254.02711	127.01355	1331.1567	3.34
Error	51	4.8662125	0.0954159		
Total	53	258.89332	4.8847796		

Abu

	treatment	2.05875	2.09	3.355	MSE	0.0954159
	ranking	1	2	3		
	ket	xanthan	karag	kontrol		
	ulangan	24	24	6		
		0.0079513	0.0079513	0.0318053		
	sd	0.0891702				
		rP (0,05)				
	2	3.03	0.1910502			
	3	3.18	0.2005081			

	ranking				
2	3 vs 1	1.29625	dibandingkan dengan R3	beda	a
1.4142136	3 vs 2	1.265	dibandingkan dengan R2	beda	a
	2 vs 1	0.03125	dibandingkan dengan R2	sama	b

Lampiran 9. Uji Beda Nyata Kadar Protein dilihat dari Jenis Hidrokoloidnya

ulg	karagenan	kuadrat	xanthan gun	kuadrat	kontrol	kuadrat
1	14.03	196.8409	16.77	281.2329	15.87	251.8569
2	13.02	169.5204	17.57	308.7049	16.69	278.5561
3	13.49	181.9801	15.98	255.3604	17.33	300.3289
4	15.65	244.9225	16.74	280.2276	16.85	283.9225
5	13.67	186.8689	17.65	311.5225	16.03	256.9609
6	14.89	221.7121	16.89	285.2721	16.69	278.5561
7	17.89	320.0521	18.44	340.0336		
8	17.56	308.3536	19.32	373.2624		
9	18.92	357.9664	19.16	367.1056		
10	18.56	344.4736	19.16	367.1056		
11	17.98	323.2804	19.48	379.4704		
12	18.65	347.8225	18.6	345.96		
13	20.12	404.8144	20.6	424.36		
14	20.36	414.5296	20.2	408.04		
15	21.08	444.3664	19.88	395.2144		
16	19.56	382.5936	19.72	388.8784		
17	20.6	424.36	19.48	379.4704		
18	21.08	444.3664	18.68	348.9424		
19	20.98	440.1604	23.16	536.3856		
20	21.56	464.8336	23.55	554.6025		
21	20.76	430.9776	19.08	364.0464		
22	20.87	435.5569	20.44	417.7936		
23	21.16	447.7456	20.2	408.04		
24	22.05	486.2025	20.28	411.2784		
sum	444.49	8424.3005	461.03	8932.3101	99.46	1650.1814
average	18.520417	351.01252	19.209583	372.17959	16.576667	275.03023
sum kuadrat	197571.36	70968839	212548.66	79786164	9892.2916	2723098.7

CF	998.22234
SSTreat	17738.827
SSTot	18008.57
SSE	269.74253

ANOVA

SV	df	SS	MS	Fhit	Ftabel
Perlak	2	17738.827	8869.4136	1676.9328	3.34
Error	51	269.74253	5.2890691		
Total	53	18008.57	339.78433		

Protein

	treatment	16.576667	18.520417	19.209583	MSE	5.2890691
	ranking	1	2	3		
	ket	kontrol	karag	xanthan		
	ulangan	24	24	6		
		0.4407558	0.4407558	1.763023		
	sd	0.6638944				
		rP (0,05)				
	2	3.03	1.422416			
	3	3.18	1.4928326			

	ranking				
2	3 vs 1	2.6329167	dibandingkan dengan R3	beda	a
1.4142136	3 vs 2	0.6891667	dibandingkan dengan R2	sama	b
	2 vs 1	1.94375	dibandingkan dengan R2	beda	b

Lampiran 10. Uji Beda Nyata Kadar Lemak dilihat dari Jenis Hidrokoloidnya

ulg	karagenan	kuadrat	xanthan gun	kuadrat	kontrol	kuadrat
1	3.18	10.1124	2.97	8.8209	3.73	13.9129
2	3.08	9.4864	3.5	12.25	3.71	13.7641
3	3.17	10.0489	2.95	8.7025	3.8	14.44
4	3.04	9.2416	2.97	8.8209	3.38	11.4244
5	3.12	9.7344	3.53	12.4609	3.45	11.9025
6	3.08	9.4864	3.02	9.1204	3.42	11.6964
7	3.94	15.5236	4.79	22.9441		
8	3.89	15.1321	4.08	16.6464		
9	3.93	15.4449	4.19	17.5561		
10	3.81	14.5161	4.72	22.2784		
11	3.6	12.96	4.03	16.2409		
12	3.73	13.9129	4.88	23.8144		
13	4.26	18.1476	5.15	26.5225		
14	3.97	15.7609	5.29	27.9841		
15	3.98	15.8404	4.91	24.1081		
16	4.2	17.64	5.31	28.1961		
17	4.25	18.0625	4.75	22.5625		
18	4.3	18.49	4.98	24.8004		
19	5.15	26.5225	5.94	35.2836		
20	5.48	30.0304	6.07	36.8449		
21	5.06	25.6036	6.13	37.5769		
22	4.94	24.4036	5.78	33.4084		
23	4.76	22.6576	6.02	36.2404		
24	5.14	26.4196	5.89	34.6921		
sum	97.06	405.1784	111.85	547.8759	21.49	77.1403
average	4.0441667	16.882433	4.6604167	22.828163	3.5816667	12.856717
sum kuadrat	9420.6436	164169.54	12510.423	300168	461.8201	5950.6259

CF	52.567313
SSTreat	938.19713
SSTot	977.62729
SSE	39.430162

ANOVA

SV	df	SS	MS	Fhit	Ftabel
Perlak	2	938.19713	469.09856	606.74431	3.34
Error	51	39.430162	0.7731404		
Total	53	977.62729	18.445798		

Lemak

	treatment	3.5816667	4.0441667	4.6604167	MSE	0.7731404
	ranking	1	2	3		
	ket	kontrol	karag	xanthan		
	ulangan	24	24	6		
		0.0644284	0.0644284	0.2577135		
	sd	0.2538274				
		rP (0,05)				
	2	3.03	0.5438338			
	3	3.18	0.5707563			

	ranking				
2	3 vs 1	1.07875	dibandingkan dengan R3	beda	a
1.4142136	3 vs 2	0.61625	dibandingkan dengan R2	beda	a
	2 vs 1	0.4625	dibandingkan dengan R2	sama	b

Lampiran 11. Uji Beda Nyata Kadar Karbohidrat dilihat dari Jenis Hidrokoloidnya

ulg	karagenan	kuadrat	xanthan gun	kuadrat	kontrol	kuadrat
1	14.73	216.9729	5.85	34.2225	7.86	61.7796
2	13.37	178.7569	4.19	17.5561	8.09	65.4481
3	13.84	191.5456	6.58	43.2964	6.87	47.1969
4	12.73	162.0529	3.98	15.8404	6.39	40.8321
5	15.81	249.9561	5.44	29.5936	8.32	69.2224
6	15.61	243.6721	3.6	12.96	7.51	56.4001
7	9.75	95.0625	9.06	82.0836		
8	8.87	78.6769	9.13	83.3569		
9	8	64	6.98	48.7204		
10	7.59	57.6081	8.02	64.3204		
11	8.14	66.2596	8.11	65.7721		
12	8.08	65.2864	5.5	30.25		
13	5	25	4.09	16.7281		
14	3.45	11.9025	4.67	21.8089		
15	4.65	21.6225	3.27	10.6929		
16	3.42	11.6964	2.69	7.2361		
17	4.25	18.0625	3.34	11.1556		
18	2.88	8.2944	3.54	12.5316		
19	2.13	4.5369	2.37	5.6169		
20	1.45	2.1025	2	4		
21	1.57	2.4649	1.68	2.8224		
22	1.82	3.3124	0.06	0.0036		
23	1.64	2.6896	0.36	0.1296		
24	1.74	3.0276	0.45	0.2025		
sum	170.52	1784.5622	104.96	620.9006	45.04	340.8792
average	7.105	74.356758	4.3733333	25.870858	7.5066667	56.8132
sum kuadrat	29077.07	3184662.2	11016.602	385517.56	2028.6016	116198.63

CF	157.04082
SSTreat	1851.6291
SSTot	2589.3012
SSE	737.67207

ANOVA

SV	df	SS	MS	Fhit	Ftabel
Perlak	2	1851.6291	925.81456	64.007497	3.34
Error	51	737.67207	14.464158		
Total	53	2589.3012	48.854739		

Karbohidart

	treatment	4.3733333	7.105	7.5066667	MSE	14.464158
	ranking	1	2	3		
	ket	Xanthan	karag	kontrol		
	ulangan	24	24	6		
		1.2053465	1.2053465	4.8213861		
	sd	1.0978827				
		rP (0,05)				
	2	3.03	2.3522506			
	3	3.18	2.4686987			

	ranking				
2	3 vs 1	3.1333333	dibandingkan dengan R3	beda	a
1.4142136	3 vs 2	0.4016667	dibandingkan dengan R2	sama	b
	2 vs 1	2.7316667	dibandingkan dengan R2	beda	b

Lampiran 12. Uji Beda Nyata Kadar Amilosa dilihat dari Jenis Hidrokoloidnya

ulg	karagenan	kuadrat	xanthan gun	kuadrat	kontrol	kuadrat
1	11.98	143.5204	13.21	174.5041	14.99	224.7001
2	12.01	144.2401	13.48	181.7104	15.4	237.16
3	12.62	159.2644	13.89	192.9321	15.35	235.6225
4	12.95	167.7025	13.92	193.7664	15.57	242.4249
5	11.78	138.7684	13.82	190.9924	15.53	241.1809
6	11.8	139.24	13.74	188.7876	15.13	228.9169
7	9.91	98.2081	12.45	155.0025		
8	10.01	100.2001	13.33	177.6889		
9	9.93	98.6049	13.45	180.9025		
10	10.31	106.2961	12.78	163.3284		
11	9.12	83.1744	12.89	166.1521		
12	9.54	91.0116	13.46	181.1716		
13	7.8	60.84	12.47	155.5009		
14	7.94	63.0436	13.16	173.1856		
15	8.32	69.2224	14.25	203.0625		
16	8.21	67.4041	13.02	169.5204		
17	9.35	87.4225	14.53	211.1209		
18	9.13	83.3569	12.46	155.2516		
19	9.01	81.1801	10.56	111.5136		
20	8.4	70.56	11.25	126.5625		
21	7.67	58.8289	10.89	118.5921		
22	9.21	84.8241	11.79	139.0041		
23	8.65	74.8225	10.47	109.6209		
24	7.87	61.9369	11.38	129.5044		
sum	233.52	2333.673	306.65	3949.3785	91.97	1410.0053
average	9.73	97.236375	12.777083	164.55744	15.328333	235.00088
sum kuadrat	54531.59	5446029.7	94034.223	15597591	8458.4809	1988114.9

CF	496.7947
SSTreat	7103.1943
SSTot	7196.2621
SSE	93.067779

ANOVA

SV	df	SS	MS	Fhit	Ftabel	
Perlak	2	7103.1943	3551.5972	1946.2316	3.34	
Error	51	93.067779	1.8248584			
Total	53	7196.2621	135.77853			

Amilosa

	treatment	9.73	12.777083	15.328333	MSE	1.8248584
	ranking	1	2	3		
	ket	karag	xanthan	kontrol		
	ulangan	24	24	6		
		0.1520715	0.1520715	0.6082861		
	sd	0.3899635				
		rP (0,05)				
	2	3.03	0.8355099			
	3	3.18	0.8768718			

	ranking				
2	3 vs 1	5.5983333	dibandingkan dengan R3	beda	a
1.4142136	3 vs 2	2.55125	dibandingkan dengan R2	beda	b
	2 vs 1	3.0470833	dibandingkan dengan R2	beda	c

Lampiran 12. Uji Beda Nyata *Cooking Loss* dilihat dari Jenis Hidrokoloidnya

ulg	karagenan	kuadrat	xanthan gun	kuadrat	kontrol	kuadrat
1	1.52	2.3104	1.62	2.6244	2.19	4.7961
2	1.61	2.5921	1.61	2.5921	2.28	5.1984
3	1.58	2.4964	1.64	2.6896	2.12	4.4944
4	1.57	2.4649	1.58	2.4964	2.13	4.5369
5	1.54	2.3716	1.6	2.56	2.23	4.9729
6	1.53	2.3409	1.56	2.4336	2.1	4.41
7	1.82	3.3124	1.86	3.4596		
8	1.83	3.3489	1.9	3.61		
9	1.85	3.4225	1.95	3.8025		
10	1.89	3.5721	1.84	3.3856		
11	1.85	3.4225	1.83	3.3489		
12	1.89	3.5721	1.93	3.7249		
13	1.92	3.6864	2.03	4.1209		
14	1.97	3.8809	2.37	5.6169		
15	1.92	3.6864	2.4	5.76		
16	1.98	3.9204	2.12	4.4944		
17	1.94	3.7636	2.11	4.4521		
18	1.9	3.61	2.12	4.4944		
19	2.19	4.7961	2.32	5.3824		
20	2.15	4.6225	2.17	4.7089		
21	2.14	4.5796	2.3	5.29		
22	2.13	4.5369	2.18	4.7524		
23	2.16	4.6656	2.21	4.8841		
24	2.14	4.5796	2.25	5.0625		
sum	45.02	85.5548	47.5	95.7466	13.05	28.4087
average	1.8758333	3.5647833	1.9791667	3.9894417	2.175	4.7347833
sum kuadrat	2026.8004	7319.6238	2256.25	9167.4114	170.3025	807.05424

CF	12.289008
SSTreat	194.55518
SSTot	197.42109
SSE	2.8659167

ANOVA

SV	df	SS	MS	Fhit	Ftabel
Perlak	2	194.55518	97.277588	1731.0891	3.34
Error	51	2.8659167	0.0561944		
Total	53	197.42109	3.7249263		

Cooking_Loss

	treatment	1.87583	1.97917	2.17500	MSE 0.0561944
	ranking	1	2	3	
	ket	keragenan	xanthan	kontrol	
	ulangan	24	24	6	
		0.0046829	0.0046829	0.0187315	
	sd	0.0684315			
		rP (0,05)			
	2	3.03	0.1466168		
	3	3.18	0.153875		

	ranking				
2	3 vs 1	0.29917	dibandingkan dengan R3	beda	1 a
1.4142136	3 vs 2	0.1958333	dibandingkan dengan R2	beda	2 a
	2 vs 1	0.1033333	dibandingkan dengan R2	sama	3 b

Lampiran 13. Uji Beda Nyata *Cooking Yield* dilihat dari Jenis Hidrokoloidnya

ulg	karagenan	kuadrat	xanthan gun	kuadrat	kontrol	kuadrat
1	33.25	1105.5625	36.28	1316.2384	34.72	1205.4784
2	33.39	1114.8921	35.7	1274.49	40.31	1624.8961
3	33.55	1125.6025	35.26	1243.2676	34.61	1197.8521
4	34.23	1171.6929	35.09	1231.3081	32.84	1078.4656
5	33.29	1108.2241	35.04	1227.8016	29.06	844.4836
6	34.15	1166.2225	33.05	1092.3025	36.01	1296.7201
7	35.75	1278.0625	32.76	1073.2176		
8	36.17	1308.2689	30.89	954.1921		
9	35.59	1266.6481	33.43	1117.5649		
10	35.99	1295.2801	38.09	1450.8481		
11	35.71	1275.2041	41.44	1717.2736		
12	36.42	1326.4164	38.05	1447.8025		
13	37.32	1392.7824	35.66	1271.6356		
14	37.38	1397.2644	36.85	1357.9225		
15	37.13	1378.6369	36.15	1306.8225		
16	36.98	1367.5204	35.67	1272.3489		
17	36.73	1349.0929	35.2	1239.04		
18	37.26	1388.3076	36.45	1328.6025		
19	37.52	1407.7504	39.76	1580.8576		
20	37.81	1429.5961	38.41	1475.3281		
21	36.65	1343.2225	37.21	1384.5841		
22	37.84	1431.8656	37.67	1419.0289		
23	38.09	1450.8481	36.89	1360.8721		
24	37.62	1415.2644	35.11	1232.7121		
sum	865.82	31294.228	866.11	31376.062	207.55	7247.8959
average	36.075833	1303.9262	36.087917	1307.3359	34.591667	1207.9827
sum kuadrat	749644.27	979328731	750146.53	984457260	43077.003	52531995

CF	3819.2447
SSTreat	65851.539
SSTot	66098.941
SSE	247.40226

ANOVA

SV	df	SS	MS	Fhit	Ftabel
Perlak	2	65851.539	32925.77	6787.3844	3.34
Error	51	247.40226	4.8510248		
Total	53	66098.941	1247.1498		

Cooking_Yield

treatment	34.59167	36.07583	36.08792		
ranking	1	2	3	MSE	4.8510248
ket	kontrol	karag	xanthan		
ulangan	24	24	6		
	0.4042521	0.4042521	1.6170083		
sd	0.6358082				

	rP (0,05)	
2	3.03	1.3622404
3	3.18	1.429678

	ranking				
2	3 vs 1	1.49625	dibandingkan dengan R3	beda	a
1.4142136	3 vs 2	0.0120833	dibandingkan dengan R2	sama	b
	2 vs 1	1.4841667	dibandingkan dengan R2	beda	b

Lampiran 13. Uji Beda Nyata Kelentingan dilihat dari Jenis Hidrokoloidnya

ulg	karagenan	kuadrat	xanthan gun	kuadrat	kontrol	kuadrat
1	2.8	7.84	2.47	6.1009	2.81	7.8961
2	4.64	21.5296	3.37	11.3569	2.42	5.8564
3	3.25	10.5625	3.37	11.3569	2.61	6.8121
4	3.81	14.5161	3.04	9.2416	3.28	10.7584
5	2.29	5.2441	2.29	5.2441	3.56	12.6736
6	4.01	16.0801	2.51	6.3001	3.41	11.6281
7	8.94	79.9236	2.82	7.9524		
8	6.54	42.7716	3.74	13.9876		
9	5.83	33.9889	3.05	9.3025		
10	5.44	29.5936	3.94	15.5236		
11	5.34	28.5156	3.91	15.2881		
12	5.72	32.7184	3.69	13.6161		
13	3.08	9.4864	4.47	19.9809		
14	4.92	24.2064	4.86	23.6196		
15	3.87	14.9769	4.58	20.9764		
16	5.06	25.6036	4.08	16.6464		
17	4.58	20.9764	5.01	25.1001		
18	4.07	16.5649	4.31	18.5761		
19	2.2	4.84	4.41	19.4481		
20	2.2	4.84	3.35	11.2225		
21	2.42	5.8564	3.5	12.25		
22	2.51	6.3001	3.64	13.2496		
23	1.91	3.6481	5.38	28.9444		
24	3.73	13.9129	3.07	9.4249		
sum	99.16	474.4962	88.86	344.7098	18.09	55.6247
average	4.1316667	19.770675	3.7025	14.362908	3.015	9.2707833
sum kuadrat	9832.7056	225146.64	7896.0996	118824.85	327.2481	3094.1073

CF	43.404367
SSTreat	749.8372
SSTot	831.42633
SSE	81.589133

ANOVA

SV	df	SS	MS	Fhit	Ftabel
Perlak	2	749.8372	374.9186	234.35533	3.34
Error	51	81.589133	1.5997869		
Total	53	831.42633	15.687289		

Kelentingan

	treatment	3.01500	3.70250	4.13167	MSE	1.5997869
	ranking	1	2	3		
	ket	kontrol	xanthan	karag		
	ulangan	24	24	6		
		0.1333156	0.1333156	0.5332623		
	sd	0.3651241				
		rP (0,05)				
	2	3.03	0.7822905			
	3	3.18	0.8210178			

	ranking				
2	3 vs 1	1.11667	dibandingkan dengan R3	beda	a
1.4142136	3 vs 2	0.4291667	dibandingkan dengan R2	sama	ba
	2 vs 1	0.6875	dibandingkan dengan R2	sama	b

Lampiran 14. Uji Beda Nyata Kadar Air dilihat dari Konsentrasi Tepung Kedelai

ulg	TK 0%	kuadrat	TK 5%	kuadrat	TK 10%	kuadrat	TK 15%	kuadrat
1	67.41	4544.1081	66.65	4442.2225	69.48	4827.4704	70.82	5015.4724
2	68.96	4755.4816	67.71	4584.6441	69.77	4867.8529	71.12	5058.0544
3	67.87	4606.3369	67.2	4515.84	68.08	4634.8864	70.25	4935.0625
4	66.89	4474.2721	68.96	4755.4816	70.45	4963.2025	70.82	5015.4724
5	65.68	4313.8624	68.18	4648.5124	68.55	4699.1025	72.13	5202.7369
6	66.75	4455.5625	67.43	4546.8049	69.29	4801.1041	71.5	5112.25
7	72.75	5292.5625	65.81	4330.9561	68.11	4638.9721	71.47	5107.9609
8	72.86	5308.5796	65.89	4341.4921	68.35	4671.7225	71.01	5042.4201
9	74.82	5598.0324	67.62	4572.4644	69.78	4869.2484	70.88	5023.9744
10	74.51	5551.7401	66.15	4375.8225	70.07	4909.8049	71.1	5055.21
11	73.52	5405.1904	66.38	4406.3044	70.11	4915.4121	70.9	5026.81
12	73.65	5424.3225	68.9	4747.21	70.35	4949.1225	70.76	5006.9776
sum	845.67	59730.0511	806.88	54267.755	832.39	57747.901	852.76	60602.402
average	70.4725	4977.50426	67.24	4522.31292	69.365833	4812.3251	71.063333	5050.2001
sum kuadrat	715157.75	3567679004	651055.334	2944989233	692873.11	3.335E+09	727199.62	3.673E+09

CF	19362.342
SSTreat	212828.14
SSTot	212985.77
SSE	157.62458

ANOVA

SV	df	SS	MS	Fhit	Ftabel
Perlak	3	212828.142	70942.714	19803.2524	3.34
Error	44	157.624583	3.58237689		
Total	47	212985.767	4531.61205		

Air

	treatment	67.24000	69.36583	70.47250	71.063333
	ranking	1	2	3	4
	ket	TK5%	TK10%	TK0%	TK15%
	ulangan	12	12	12	12
		0.59706282	0.59706282	0.59706282	0.5970628
	sd	0.7726984			

	rP (0,05)			MSE	3.5823769
	2	3.03	1.65553224		
	3	3.18	1.73748928		
	4	3.27	1.78666351		

	ranking				
2	4 vs 1	3.82333333	dibandingkan dengan R4	beda	1 a
1.4142136	4 vs 2	1.6975	dibandingkan dengan R3	sama	2 b
	4 vs 3	0.59083333	dibandingkan dengan R2	sama	3 b
	3 vs 1	3.2325	dibandingkan dengan R3	beda	4 b
	3 vs 2	1.10666667	dibandingkan dengan R2	sama	
	2 vs 1	2.12583333	dibandingkan dengan R2	beda	

Lampiran 15. Uji Beda Nyata Kadar Abu dilihat dari Konsentrasi Tepung Kedelai

ulg	TK 0%	kuadrat	TK 5%	kuadrat	TK 10%	kuadrat	TK 15%	kuadrat
1	1.65	2.7225	1.77	3.1329	2.14	4.5796	1.92	3.6864
2	1.57	2.4649	1.97	3.8809	2.45	6.0025	2.29	5.2441
3	1.63	2.6569	1.95	3.8025	2.21	4.8841	2.36	5.5696
4	1.69	2.8561	2.08	4.3264	2.37	5.6169	2.55	6.5025
5	1.72	2.9584	2.1	4.41	2.35	5.5225	2.59	6.7081
6	1.67	2.7889	2.11	4.4521	2.45	6.0025	2.57	6.6049
7	1.66	2.7556	1.9	3.61	2.05	4.2025	2.06	4.2436
8	1.88	3.5344	1.58	2.4964	1.49	2.2201	2.37	5.6169
9	1.67	2.7889	2.05	4.2025	2.16	4.6656	2.23	4.9729
10	1.8	3.24	1.95	3.8025	2.21	4.8841	2.62	6.8644
11	1.86	3.4596	2	4	2.32	5.3824	2.52	6.3504
12	1.84	3.3856	2.12	4.4944	2.45	6.0025	2.62	6.8644
sum	20.64	35.6118	23.58	46.6106	26.65	59.9653	28.7	69.2282
average	1.72	2.96765	1.965	3.8842167	2.2208333	4.9971083	2.3916667	5.7690167
sum kuadrat	426.0096	1268.2003	556.0164	2172.548	710.2225	3595.8372	823.69	4792.5437

CF	17.617992
SSTreat	192.04355
SSTot	193.79791
SSE	1.7543583

ANOVA

SV	df	SS	MS	Fhit	Ftabel
Perlak	3	192.04355	64.014517	1605.5094	3.34
Error	44	1.7543583	0.0398718		
Total	47	193.79791	4.1233598		

Abu

	treatment	1.72000	1.96500	2.2208333	2.3916667
	ranking	1	2	3	4
	ket	TK0%	TK5%	TK10%	TK15%
	ulangan	12	12	12	12
		0.0066453	0.0066453	0.0066453	0.0066453
	sd	0.0815187			

	rP (0,05)			
	MSE	0.0398718		
2	3.03	0.1746565		
3	3.18	0.1833029		
4	3.27	0.1884907		

	ranking				
2	4 vs 1	0.6716667	dibandingkan dengan R4	beda	1 a
1.4142136	4 vs 2	0.4266667	dibandingkan dengan R3	beda	2 b
	4 vs 3	0.1708333	dibandingkan dengan R2	sama	3 c
	3 vs 1	0.5008333	dibandingkan dengan R3	beda	4 c
	3 vs 2	0.2558333	dibandingkan dengan R2	beda	
	2 vs 1	0.245	dibandingkan dengan R2	beda	

Lampiran 16. Uji Beda Nyata Kadar Protein dilihat dari Konsentrasi Tepung Kedelai

ulg	TK 0%	kuadrat	TK 5%	kuadrat	TK 10%	kuadrat	TK 15%	kuadrat
1	14.03	196.8409	17.89	320.0521	20.12	404.8144	20.98	440.1604
2	13.02	169.5204	17.56	308.3536	20.36	414.5296	21.56	464.8336
3	13.49	181.9801	18.92	357.9664	21.08	444.3664	20.76	430.9776
4	15.65	244.9225	18.56	344.4736	19.56	382.5936	20.87	435.5569
5	13.67	186.8689	17.98	323.2804	20.6	424.36	21.16	447.7456
6	14.89	221.7121	18.65	347.8225	21.08	444.3664	22.05	486.2025
7	16.77	281.2329	18.44	340.0336	20.6	424.36	23.16	536.3856
8	17.57	308.7049	19.32	373.2624	20.2	408.04	23.55	554.6025
9	15.98	255.3604	19.16	367.1056	19.88	395.2144	19.08	364.0464
10	16.74	280.2276	19.16	367.1056	19.72	388.8784	20.44	417.7936
11	17.65	311.5225	19.48	379.4704	19.48	379.4704	20.2	408.04
12	16.89	285.2721	18.6	345.96	18.68	348.9424	20.28	411.2784
sum	186.35	2924.1653	223.72	4174.8862	241.36	4859.936	254.09	5397.6231
average	15.529167	243.680442	18.6433333	347.9071833	20.1133	404.99467	21.17417	449.80193
sum kuadrat	34726.323	8550742.7	50050.6384	17429674.78	58254.6	23618978	64561.73	29134335

CF	1446.3842
SSTreat	15853.061
SSTot	15910.226
SSE	57.165717

ANOVA

SV	df	SS	MS	Fhit	Ftabel
Perlak	3	15853.0607	5284.35356	4067.325138	3.34
Error	44	57.1657167	1.29922083		
Total	47	15910.2264	338.515455		

Protein

	treatment	15.52917	18.64333	20.11333	21.1742
	ranking	1	2	3	4
	ket	TK0%	TK5%	TK10%	TK15%
	ulangan	12	12	12	12
		0.21653681	0.21653681	0.216536806	0.21654
	sd	0.46533515			

	rP (0,05)			MSE	1.299221
2	3.03	0.99699618			
3	3.18	1.04635242			
4	3.27	1.07596617			

	ranking					
2	4 vs 1	5.645	dibandingkan dengan R4	beda	1	a
1.4142136	4 vs 2	2.53083333	dibandingkan dengan R3	beda	2	b
	4 vs 3	1.06083333	dibandingkan dengan R2	beda	3	c
	3 vs 1	4.58416667	dibandingkan dengan R3	beda	4	d
	3 vs 2	1.47	dibandingkan dengan R2	beda		
	2 vs 1	3.11416667	dibandingkan dengan R2	beda		

Lampiran 17. Uji Beda Nyata Kadar Lemak dilihat dari Konsentrasi Tepung Kedelai

ulg	TK 0%	kuadrat	TK 5%	kuadrat	TK 10%	kuadrat	TK 15%	kuadrat
1	3.18	10.1124	3.94	15.5236	4.26	18.1476	5.15	26.5225
2	3.08	9.4864	3.89	15.1321	3.97	15.7609	5.29	27.9841
3	3.17	10.0489	3.93	15.4449	3.98	15.8404	4.91	24.1081
4	3.04	9.2416	3.81	14.5161	4.2	17.64	5.31	28.1961
5	3.12	9.7344	3.6	12.96	4.25	18.0625	4.75	22.5625
6	3.08	9.4864	3.73	13.9129	4.3	18.49	4.98	24.8004
7	2.97	8.8209	4.79	22.9441	5.15	26.5225	5.94	35.2836
8	3.5	12.25	4.08	16.6464	5.29	27.9841	6.07	36.8449
9	2.95	8.7025	4.19	17.5561	4.91	24.1081	6.13	37.5769
10	2.97	8.8209	4.72	22.2784	5.31	28.1961	5.78	33.4084
11	3.53	12.4609	4.03	16.2409	4.75	22.5625	6.02	36.2404
12	3.02	9.1204	4.88	23.8144	4.98	24.8004	5.89	34.6921
sum	37.61	118.2857	49.59	206.9699	55.35	258.1151	66.22	368.22
average	3.1341667	9.8571417	4.1325	17.247492	4.6125	21.509592	5.5183333	30.685
sum kuadrat	1414.5121	13991.507	2459.1681	42836.54	3063.6225	66623.405	4385.0884	135585.97

CF	79.299225
SSTreat	864.23337
SSTot	872.29148
SSE	8.0581083

ANOVA

SV	df	SS	MS	Fhit	Ftabel
Perlak	3	864.23337	288.07779	1573.0023	3.34
Error	44	8.0581083	0.1831388		
Total	47	872.29148	18.559393		

Lemak

	treatment	3.13417	4.13250	4.61250	5.5183333
	ranking	1	2	3	4
	ket	TK0%	TK5%	TK10%	TK15%
	ulangan	12	12	12	12
		0.0305231	0.0305231	0.0305231	0.0305231
	sd	0.1747087			

	rP (0,05)		MSE	0.1831388
2	3.03	0.3743193		
3	3.18	0.39285		
4	3.27	0.4039684		

	ranking				
2	4 vs 1	2.3841667	dibandingkan dengan R4	beda	1 a
1.4142136	4 vs 2	1.3858333	dibandingkan dengan R3	beda	2 b
	4 vs 3	0.9058333	dibandingkan dengan R2	beda	3 c
	3 vs 1	1.4783333	dibandingkan dengan R3	beda	4 d
	3 vs 2	0.48	dibandingkan dengan R2	beda	
	2 vs 1	0.9983333	dibandingkan dengan R2	beda	

Lampiran 18. Uji Beda Nyata Kadar Karbohidrat dilihat dari Konsentrasi Tepung Kedelai

ulg	TK 0%	kuadrat	TK 5%	kuadrat	TK 10%	kuadrat	TK 15%	kuadrat
1	14.73	216.9729	9.75	95.0625	5	25	2.13	4.5369
2	13.37	178.7569	8.87	78.6769	3.45	11.9025	1.45	2.1025
3	13.84	191.5456	8	64	4.65	21.6225	1.57	2.4649
4	12.73	162.0529	7.59	57.6081	3.42	11.6964	1.82	3.3124
5	15.81	249.9561	8.14	66.2596	4.25	18.0625	1.64	2.6896
6	15.61	243.6721	8.08	65.2864	2.88	8.2944	1.74	3.0276
7	5.85	34.2225	9.06	82.0836	4.09	16.7281	2.37	5.6169
8	4.19	17.5561	9.13	83.3569	4.67	21.8089	2	4
9	6.58	43.2964	6.98	48.7204	3.27	10.6929	1.68	2.8224
10	3.98	15.8404	8.02	64.3204	2.69	7.2361	0.06	0.0036
11	5.44	29.5936	8.11	65.7721	3.34	11.1556	0.36	0.1296
12	3.6	12.96	5.5	30.25	3.54	12.5316	0.45	0.2025
sum	115.73	1396.4255	97.23	801.3969	45.25	176.7315	17.27	30.9089
average	9.6441667	116.36879	8.1025	66.783075	3.7708333	14.727625	1.4391667	2.5757417
sum kuadrat	13393.433	1950004.2	9453.6729	642236.99	2047.5625	31234.023	298.2529	955.3601

CF	200.45523
SSTreat	1898.9549
SSTot	2205.0076
SSE	306.0527

ANOVA

SV	df	SS	MS	Fhit	Ftabel
Perlak	3	1898.9549	632.98496	91.001772	3.34
Error	44	306.0527	6.9557432		
Total	47	2205.0076	46.915055		

Karbohidrat

	treatment	1.43917	3.77083	8.10250	9.6441667
	ranking	4	3	2	1
	ket	TK15%	TK10%	TK5%	TK0%
	ulangan	12	12	12	12
		1.1592905	1.1592905	1.1592905	1.1592905
	sd	1.0767035			

		rP (0,05)		MSE	6.9557432
	2	3.03	2.3068735		
	3	3.18	2.4210751		
	4	3.27	2.4895961		

	ranking				
2	4 vs 1	8.205	dibandingkan dengan R4	beda	1 a
1.4142136	4 vs 2	5.8733333	dibandingkan dengan R3	beda	2 b
	4 vs 3	1.5416667	dibandingkan dengan R2	sama	3 c
	3 vs 1	6.6633333	dibandingkan dengan R3	beda	4 d
	3 vs 2	4.3316667	dibandingkan dengan R2	beda	
	2 vs 1	2.3316667	dibandingkan dengan R2	beda	

Lampiran 19. Uji Beda Nyata Kadar Amilosa dilihat dari Konsentrasi Tepung Kedelai

ulg	TK 0%	kuadrat	TK 5%	kuadrat	TK 10%	kuadrat	TK 15%	kuadrat
1	11.98	143.5204	9.91	98.2081	7.8	60.84	9.01	81.1801
2	12.01	144.2401	10.01	100.2001	7.94	63.0436	8.4	70.56
3	12.62	159.2644	9.93	98.6049	8.32	69.2224	7.67	58.8289
4	12.95	167.7025	10.31	106.2961	8.21	67.4041	9.21	84.8241
5	11.78	138.7684	9.12	83.1744	9.35	87.4225	8.65	74.8225
6	11.8	139.24	9.54	91.0116	9.13	83.3569	7.87	61.9369
7	13.21	174.5041	12.45	155.0025	12.47	155.5009	10.56	111.5136
8	13.48	181.7104	13.33	177.6889	13.16	173.1856	11.25	126.5625
9	13.89	192.9321	13.45	180.9025	14.25	203.0625	10.89	118.5921
10	13.92	193.7664	12.78	163.3284	13.02	169.5204	11.79	139.0041
11	13.82	190.9924	12.89	166.1521	14.53	211.1209	10.47	109.6209
12	13.74	188.7876	13.46	181.1716	12.46	155.2516	11.38	129.5044
sum	155.2	2015.4288	137.18	1601.7412	130.64	1498.9314	117.15	1166.9501
average	12.933333	167.9524	11.4316667	133.478433	10.886667	124.91095	9.7625	97.245842
sum kuadrat	24087.04	4061953.25	18818.3524	2565574.87	17066.81	2246795.3	13724.123	1361772.5

CF	523.58763
SSTreat	5617.7728
SSTot	5759.4639
SSE	141.69112

ANOVA

SV	df	SS	MS	Fhit	Ftabel
Perlak	3	5617.77275	1872.59092	581.504313	3.34
Error	44	141.691125	3.22025284		
Total	47	5759.46388	122.541785		

Amilosa

	treatment	9.76250	10.88667	11.43167	12.933333
	ranking	1	2	3	4
	ket	TK15%	TK10%	TK5%	TK0%
	ulangan	12	12	12	12
		0.53670881	0.53670881	0.53670881	0.5367088
	sd	0.73260413			

	rP (0,05)		MSE	3.2202528
2	3.03	1.56962892		
3	3.18	1.64733332		
4	3.27	1.69395596		

	ranking				
2	4 vs 1	3.17083333	dibandingkan dengan R4	beda	1 a
1.4142136	4 vs 2	2.04666667	dibandingkan dengan R3	beda	2 ba
	4 vs 3	1.50166667	dibandingkan dengan R2	sama	3 b
	3 vs 1	1.66916667	dibandingkan dengan R3	beda	4 b
	3 vs 2	0.545	dibandingkan dengan R2	sama	
	2 vs 1	1.12416667	dibandingkan dengan R2	sama	

Lampiran 20. Uji Beda Nyata *Cooking Loss* dilihat dari Konsentrasi Tepung Kedelai

ulg	TK 0%	kuadrat	TK 5%	kuadrat	TK 10%	kuadrat	TK 15%	kuadrat
1	1.52	2.3104	1.82	3.3124	1.92	3.6864	2.19	4.7961
2	1.61	2.5921	1.83	3.3489	1.97	3.8809	2.15	4.6225
3	1.58	2.4964	1.85	3.4225	1.92	3.6864	2.14	4.5796
4	1.57	2.4649	1.89	3.5721	1.98	3.9204	2.13	4.5369
5	1.54	2.3716	1.85	3.4225	1.94	3.7636	2.16	4.6656
6	1.53	2.3409	1.89	3.5721	1.9	3.61	2.14	4.5796
7	1.62	2.6244	1.86	3.4596	2.03	4.1209	2.32	5.3824
8	1.61	2.5921	1.9	3.61	2.37	5.6169	2.17	4.7089
9	1.64	2.6896	1.95	3.8025	2.4	5.76	2.3	5.29
10	1.58	2.4964	1.84	3.3856	2.12	4.4944	2.18	4.7524
11	1.6	2.56	1.83	3.3489	2.11	4.4521	2.21	4.8841
12	1.56	2.4336	1.93	3.7249	2.12	4.4944	2.25	5.0625
sum	18.96	29.9724	22.44	41.982	24.78	51.4864	26.34	57.8606
average	1.58	2.4977	1.87	3.4985	2.065	4.2905333	2.195	4.8217167
sum kuadrat	359.4816	898.34476	503.5536	1762.4883	614.0484	2650.8494	693.7956	3347.849

CF	15.10845
SSTreat	165.79815
SSTot	166.19295
SSE	0.3948

ANOVA

SV	df	SS	MS	Fhit	Ftabel
Perlak	3	165.79815	55.26605	6159.3369	3.34
Error	44	0.3948	0.0089727		
Total	47	166.19295	3.5360202		

Cooking Loss

treatment		1.58000	1.87000	2.06500	2.195
ranking		1	2	3	4
ket		TK0%	TK5%	TK10%	TK15%
ulangan		12	12	12	12
		0.0014955	0.0014955	0.0014955	0.0014955
sd		0.0386711			
	rP (0,05)			MSE	0.0089727
	2	3.03	0.0828541		
	3	3.18	0.0869558		
	4	3.27	0.0894168		

	ranking				
2	4 vs 1	0.615	dibandingkan dengan R4	beda	1 a
1.4142136	4 vs 2	0.325	dibandingkan dengan R3	beda	2 b
	4 vs 3	0.13	dibandingkan dengan R2	beda	3 c
	3 vs 1	0.485	dibandingkan dengan R3	beda	4 d
	3 vs 2	0.195	dibandingkan dengan R2	beda	
	2 vs 1	0.29	dibandingkan dengan R2	beda	

Lampiran 21. Uji Beda Nyata *Cooking Yield* dilihat dari Konsentrasi Tepung Kedelai

ulg	TK 0%	kuadrat	TK 5%	kuadrat	TK 10%	kuadrat	TK 15%	kuadrat
1	33.25	1105.5625	35.75	1278.0625	37.32	1392.7824	37.52	1407.7504
2	33.39	1114.8921	36.17	1308.2689	37.38	1397.2644	37.81	1429.5961
3	33.55	1125.6025	35.59	1266.6481	37.13	1378.6369	36.65	1343.2225
4	34.23	1171.6929	35.99	1295.2801	36.98	1367.5204	37.84	1431.8656
5	33.29	1108.2241	35.71	1275.2041	36.73	1349.0929	38.09	1450.8481
6	34.15	1166.2225	36.42	1326.4164	37.26	1388.3076	37.62	1415.2644
7	36.28	1316.2384	32.76	1073.2176	35.66	1271.6356	39.76	1580.8576
8	35.7	1274.49	30.89	954.1921	36.85	1357.9225	38.41	1475.3281
9	35.26	1243.2676	33.43	1117.5649	36.15	1306.8225	37.21	1384.5841
10	35.09	1231.3081	38.09	1450.8481	35.67	1272.3489	37.67	1419.0289
11	35.04	1227.8016	41.44	1717.2736	35.2	1239.04	36.89	1360.8721
12	33.05	1092.3025	38.05	1447.8025	36.45	1328.6025	35.11	1232.7121
sum	412.28	14177.6048	430.29	15510.7789	438.78	16049.977	450.58	16931.93
average	34.356667	1181.467067	35.8575	1292.56491	36.565	1337.4981	37.548333	1410.9942
sum kuadrat	169974.8	201004477.9	185149.484	240584262	192527.89	257601749	203022.34	286690254

CF	5222.5242
SSTreat	57333.685
SSTot	57447.766
SSE	114.08136

ANOVA

SV	df	SS	MS	Fhit	Ftabel
Perlak	3	57333.68475	19111.2283	7371.00307	3.34
Error	44	114.0813583	2.59275814		
Total	47	57447.76611	1222.2929		

Cooking Yield

treatment	34.35667	35.85750	36.565	37.548333	
ranking	1	2	3	4	
ket	TK0%	TK5%	TK10%	TK15%	
ulangan	12	12	12	12	
	0.432126357	0.43212636	0.43212636	0.4321264	
sd	0.657363185				

rP (0,05)			MSE	2.5927581
2	3.03	1.40842268		
3	3.18	1.47814657		
4	3.27	1.51998091		

	ranking				
2	4 vs 1	3.191666667	dibandingkan dengan R4	beda	1 a
1.4142136	4 vs 2	1.690833333	dibandingkan dengan R3	beda	2 bc
	4 vs 3	0.983333333	dibandingkan dengan R2	sama	3 c
	3 vs 1	2.208333333	dibandingkan dengan R3	beda	4 c
	3 vs 2	0.7075	dibandingkan dengan R2	sama	
	2 vs 1	1.500833333	dibandingkan dengan R2	beda	

Lampiran 22. Uji Beda Nyata Kelentingan dilihat dari Konsentrasi Tepung Kedelai

ulg	TK 0%	kuadrat	TK 5%	kuadrat	TK 10%	kuadrat	TK 15%	kuadrat
1	2.8	7.84	8.94	79.9236	3.08	9.4864	2.2	4.84
2	4.64	21.5296	6.54	42.7716	4.92	24.2064	2.2	4.84
3	3.25	10.5625	5.83	33.9889	3.87	14.9769	2.42	5.8564
4	3.81	14.5161	5.44	29.5936	5.06	25.6036	2.51	6.3001
5	2.29	5.2441	5.34	28.5156	4.58	20.9764	1.91	3.6481
6	4.01	16.0801	5.72	32.7184	4.07	16.5649	3.73	13.9129
7	2.47	6.1009	2.82	7.9524	4.47	19.9809	4.41	19.4481
8	3.37	11.3569	3.74	13.9876	4.86	23.6196	3.35	11.2225
9	3.37	11.3569	3.05	9.3025	4.58	20.9764	3.5	12.25
10	3.04	9.2416	3.94	15.5236	4.08	16.6464	3.64	13.2496
11	2.29	5.2441	3.91	15.2881	5.01	25.1001	5.38	28.9444
12	2.51	6.3001	3.69	13.6161	4.31	18.5761	3.07	9.4249
sum	37.85	125.3729	58.96	323.182	52.89	236.7141	38.32	133.937
average	3.1541667	10.447742	4.9133333	26.931833	4.4075	19.726175	3.1933333	11.161417
sum kuadrat	1432.6225	15718.364	3476.2816	104446.61	2797.3521	56033.565	1468.4224	17939.12

CF	68.267167
SSTreat	696.28938
SSTot	750.93883
SSE	54.64945

ANOVA

SV	df	SS	MS	Fhit	Ftabel
Perlak	3	696.28938	232.09646	186.8682	3.34
Error	44	54.64945	1.242033		
Total	47	750.93883	15.977422		

Kelentingan

	treatment	3.15417	3.19333	4.40750	4.9133333
	ranking	1	2	3	4
	ket	TK0%	TK15%	TK10%	TK5%
	ulangan	12	12	12	12
		0.2070055	0.2070055	0.2070055	0.2070055
	sd	0.4549786			

	rP (0,05)		MSE	1.242033
2	3.03	0.9748068		
3	3.18	1.0230646		
4	3.27	1.0520193		

	ranking				
2	4 vs 1	1.7591667	dibandingkan dengan R4	beda	1 a
1.4142136	4 vs 2	1.72	dibandingkan dengan R3	beda	2 ab
	4 vs 3	0.5058333	dibandingkan dengan R2	sama	3 c
	3 vs 1	1.2533333	dibandingkan dengan R3	beda	4 c
	3 vs 2	1.2141667	dibandingkan dengan R2	beda	
	2 vs 1	0.0391667	dibandingkan dengan R2	sama	

Lampiran 23. Hasil Analisa Uji Post Hoc Mie dengan Penambahan Hidrokoloid dan Tepung Kedelai pada Berbagai Konsentrasi (pada One Way Anova).

Descriptives

		N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
						Lower Bound	Upper Bound		
cook_loss	karagenan,t_kedelai 0 %	6	1.5583	.03430	.01400	1.5223	1.5943	1.52	1.61
	karagenan, t kedelai 5%	6	1.8550	.02950	.01204	1.8240	1.8860	1.82	1.89
	karagenan, t kedelai 10%	6	1.9383	.03125	.01276	1.9055	1.9711	1.90	1.98
	karagenan, t kedelai 15%	6	2.1517	.02137	.00872	2.1292	2.1741	2.13	2.19
	xanthan gum, t kedelai 0%	6	1.6017	.02858	.01167	1.5717	1.6317	1.56	1.64
	xanthan gum, t kedelai 5%	6	1.8850	.04930	.02012	1.8333	1.9367	1.83	1.95
	xanthan gum, t kedelai 10%	6	2.1917	.15381	.06279	2.0303	2.3531	2.03	2.40
	xanthan gum,t kedelai 15%	6	2.2383	.06242	.02548	2.1728	2.3038	2.17	2.32
	Control	6	2.1750	.07064	.02884	2.1009	2.2491	2.10	2.28
	Total	54	1.9550	.25031	.03406	1.8867	2.0233	1.52	2.40
cook_yield	karagenan,t_kedelai 0 %	6	33.6433	.43665	.17826	33.1851	34.1016	33.25	34.23
	karagenan, t kedelai 5%	6	35.9383	.31537	.12875	35.6074	36.2693	35.59	36.42
	karagenan, t kedelai 10%	6	37.1333	.24410	.09965	36.8772	37.3895	36.73	37.38
	karagenan, t kedelai 15%	6	37.5883	.50006	.20415	37.0636	38.1131	36.65	38.09
	xanthan gum, t kedelai 0%	6	35.0700	1.09351	.44642	33.9224	36.2176	33.05	36.28
	xanthan gum, t kedelai 5%	6	35.7767	4.02690	1.64397	31.5507	40.0026	30.89	41.44
	xanthan gum, t kedelai 10%	6	35.9967	.60199	.24576	35.3649	36.6284	35.20	36.85

	xanthan gum,t kedelai 15%	6	37.5083	1.55772	.63594	35.8736	39.1431	35.11	39.76
	Control	6	34.5917	3.69853	1.50992	30.7103	38.4730	29.06	40.31
	Total	54	35.9163	2.21167	.30097	35.3126	36.5200	29.06	41.44
Kelentingan	karagenan,t_kedelai 0 %	6	3.4667	.85624	.34956	2.5681	4.3652	2.29	4.64
	karagenan, t kedelai 5%	6	6.3017	1.35983	.55515	4.8746	7.7287	5.34	8.94
	karagenan, t kedelai 10%	6	4.2633	.74277	.30323	3.4838	5.0428	3.08	5.06
	karagenan, t kedelai 15%	6	2.4950	.63990	.26124	1.8235	3.1665	1.91	3.73
	xanthan gum, t kedelai 0%	6	2.8417	.47960	.19580	2.3384	3.3450	2.29	3.37
	xanthan gum, t kedelai 5%	6	3.5250	.47256	.19292	3.0291	4.0209	2.82	3.94
	xanthan gum, t kedelai 10%	6	4.5517	.34452	.14065	4.1901	4.9132	4.08	5.01
	xanthan gum,t kedelai 15%	6	3.8917	.85663	.34972	2.9927	4.7906	3.07	5.38
	Control	6	3.0150	.46548	.19003	2.5265	3.5035	2.42	3.56
	Total	54	3.8169	1.28958	.17549	3.4649	4.1688	1.91	8.94
kadar_air	karagenan,t_kedelai 0 %	6	67.2600	1.11158	.45380	66.0935	68.4265	65.68	68.96
	karagenan, t kedelai 5%	6	67.6883	.80532	.32877	66.8432	68.5335	66.65	68.96
	karagenan, t kedelai 10%	6	69.2700	.85105	.34744	68.3769	70.1631	68.08	70.45
	karagenan, t kedelai 15%	6	71.1067	.64813	.26460	70.4265	71.7868	70.25	72.13
	xanthan gum, t kedelai 0%	6	73.6850	.84287	.34410	72.8005	74.5695	72.75	74.82
	xanthan gum, t kedelai 5%	6	66.7917	1.22385	.49964	65.5073	68.0760	65.81	68.90
	xanthan gum, t kedelai 10%	6	69.4617	.97403	.39765	68.4395	70.4838	68.11	70.35
	xanthan gum,t kedelai 15%	6	71.0200	.24924	.10175	70.7584	71.2816	70.76	71.47
	Control	6	68.9800	.61293	.25023	68.3368	69.6232	68.12	69.97
	Total	54	69.4737	2.22877	.30330	68.8654	70.0820	65.68	74.82

kadar_abu	karagenan,t_kedelai 0 %	6	1.6550	.05206	.02125	1.6004	1.7096	1.57	1.72
	karagenan, t kedelai 5%	6	1.9967	.13018	.05315	1.8601	2.1333	1.77	2.11
	karagenan, t kedelai 10%	6	2.3283	.12750	.05205	2.1945	2.4621	2.14	2.45
	karagenan, t kedelai 15%	6	2.3800	.25659	.10475	2.1107	2.6493	1.92	2.59
	xanthan gum, t kedelai 0%	6	1.7850	.09670	.03948	1.6835	1.8865	1.66	1.88
	xanthan gum, t kedelai 5%	6	1.9333	.18928	.07727	1.7347	2.1320	1.58	2.12
	xanthan gum, t kedelai 10%	6	2.1133	.33470	.13664	1.7621	2.4646	1.49	2.45
	xanthan gum,t kedelai 15%	6	2.4033	.22651	.09247	2.1656	2.6410	2.06	2.62
	Control	6	3.3550	.03886	.01586	3.3142	3.3958	3.31	3.41
	Total	54	2.2167	.50702	.06900	2.0783	2.3551	1.49	3.41
Amilosa	karagenan,t_kedelai 0 %	6	12.1900	.48150	.19657	11.6847	12.6953	11.78	12.95
	karagenan, t kedelai 5%	6	9.8033	.41548	.16962	9.3673	10.2394	9.12	10.31
	karagenan, t kedelai 10%	6	8.4583	.63704	.26007	7.7898	9.1269	7.80	9.35
	karagenan, t kedelai 15%	6	8.4683	.61261	.25010	7.8254	9.1112	7.67	9.21
	xanthan gum, t kedelai 0%	6	13.6767	.27775	.11339	13.3852	13.9682	13.21	13.92
	xanthan gum, t kedelai 5%	6	13.0600	.41579	.16974	12.6237	13.4963	12.45	13.46
	xanthan gum, t kedelai 10%	6	13.3150	.88392	.36086	12.3874	14.2426	12.46	14.53
	xanthan gum,t kedelai 15%	6	11.0567	.50957	.20803	10.5219	11.5914	10.47	11.79
	Control	6	15.3283	.22737	.09282	15.0897	15.5669	14.99	15.57
	Total	54	11.7063	2.35139	.31998	11.0645	12.3481	7.67	15.57
Protein	karagenan,t_kedelai 0 %	6	14.1250	.97480	.39796	13.1020	15.1480	13.02	15.65
	karagenan, t kedelai 5%	6	18.2600	.52593	.21471	17.7081	18.8119	17.56	18.92
	karagenan, t kedelai 10%	6	20.4667	.58715	.23970	19.8505	21.0828	19.56	21.08
	karagenan, t kedelai 15%	6	21.2300	.48973	.19993	20.7161	21.7439	20.76	22.05

	xanthan gum, t kedelai 0%	6	16.9333	.61542	.25125	16.2875	17.5792	15.98	17.65
	xanthan gum, t kedelai 5%	6	19.0267	.41312	.16865	18.5931	19.4602	18.44	19.48
	xanthan gum, t kedelai 10%	6	19.7600	.65727	.26833	19.0702	20.4498	18.68	20.60
	xanthan gum,t kedelai 15%	6	21.1183	1.80236	.73581	19.2269	23.0098	19.08	23.55
	Control	6	16.5767	.54150	.22107	16.0084	17.1449	15.87	17.33
	Total	54	18.6107	2.39248	.32558	17.9577	19.2638	13.02	23.55
Lemak	karagenan,t_kedelai 0 %	6	3.1117	.05529	.02257	3.0536	3.1697	3.04	3.18
	karagenan, t kedelai 5%	6	3.8167	.13261	.05414	3.6775	3.9558	3.60	3.94
	karagenan, t kedelai 10%	6	4.1600	.14683	.05994	4.0059	4.3141	3.97	4.30
	karagenan, t kedelai 15%	6	5.0883	.24103	.09840	4.8354	5.3413	4.76	5.48
	xanthan gum, t kedelai 0%	6	3.1567	.27869	.11377	2.8642	3.4491	2.95	3.53
	xanthan gum, t kedelai 5%	6	4.4483	.38840	.15856	4.0407	4.8559	4.03	4.88
	xanthan gum, t kedelai 10%	6	5.0650	.22287	.09099	4.8311	5.2989	4.75	5.31
	xanthan gum,t kedelai 15%	6	5.9717	.12766	.05212	5.8377	6.1056	5.78	6.13
	Control	6	3.5817	.18454	.07534	3.3880	3.7753	3.38	3.80
	Total	54	4.2667	.94324	.12836	4.0092	4.5241	2.95	6.13
Karbohidrat	karagenan,t_kedelai 0 %	6	14.3483	1.24165	.50690	13.0453	15.6514	12.73	15.81
	karagenan, t kedelai 5%	6	8.4050	.77838	.31777	7.5881	9.2219	7.59	9.75
	karagenan, t kedelai 10%	6	3.9417	.81950	.33456	3.0817	4.8017	2.88	5.00
	karagenan, t kedelai 15%	6	1.7250	.23671	.09664	1.4766	1.9734	1.45	2.13
	xanthan gum, t kedelai 0%	6	4.9400	1.18722	.48468	3.6941	6.1859	3.60	6.58
	xanthan gum, t kedelai 5%	6	7.8000	1.37575	.56165	6.3562	9.2438	5.50	9.13

xanthan gum, t kedelai 10%	6	3.6000	.69184	.28244	2.8740	4.3260	2.69	4.67
xanthan gum,t kedelai 15%	6	1.1533	.97918	.39975	.1258	2.1809	.06	2.37
Control	6	7.5067	.74551	.30435	6.7243	8.2890	6.39	8.32
Total	54	5.9356	3.99027	.54301	4.8464	7.0247	.06	15.81

Lampiran 24. Hasil Uji One Way Anova Mie Hidrokoloid dan Tepung Kedelai

ANOVA

		Sum of Squares	df	Mean Square	F	Sig.
cook_loss	Between Groups	3.124	8	.391	89.507	.000
	Within Groups	.196	45	.004		
	Total	3.321	53			
cook_yield	Between Groups	86.851	8	10.856	2.834	.012
	Within Groups	172.397	45	3.831		
	Total	259.248	53			
Kelentingan	Between Groups	62.810	8	7.851	13.948	.000
	Within Groups	25.330	45	.563		
	Total	88.139	53			
kadar_air	Between Groups	230.156	8	28.770	39.093	.000
	Within Groups	33.116	45	.736		
	Total	263.272	53			
kadar_abu	Between Groups	12.066	8	1.508	43.538	.000
	Within Groups	1.559	45	.035		
	Total	13.625	53			
Amilosa	Between Groups	280.397	8	35.050	124.767	.000
	Within Groups	12.641	45	.281		
	Total	293.039	53			
Protein	Between Groups	271.697	8	33.962	48.253	.000
	Within Groups	31.673	45	.704		
	Total	303.370	53			
Lemak	Between Groups	45.010	8	5.626	118.076	.000
	Within Groups	2.144	45	.048		
	Total	47.155	53			
Karbohidrat	Between Groups	803.025	8	100.378	110.568	.000
	Within Groups	40.853	45	.908		
	Total	843.878	53			

Lampiran 25. Hasil Analisa Post Hoc *Cooking Loss* (pada One Way Anova)

cook_loss

Duncan

perlakuan	N	Subset for alpha = .05				
		1	2	3	4	5
karagenan,t_kedelai 0 %	6	1.5583				
xanthan gum, t kedelai 0%	6	1.6017				
karagenan, t kedelai 5%	6		1.8550			
xanthan gum, t kedelai 5%	6		1.8850	1.8850		
karagenan, t kedelai 10%	6			1.9383		
karagenan, t kedelai 15%	6				2.1517	
kontrol	6				2.1750	2.1750
xanthan gum, t kedelai 10%	6				2.1917	2.1917
xanthan gum,t kedelai 15%	6					2.2383
Sig.		.262	.436	.169	.329	.123

Means for groups in homogeneous subsets are displayed.
a Uses Harmonic Mean Sample Size = 6.000.

Lampiran 26. Hasil Analisa Post Hoc *Cooking Yield* (pada One Way Anova)

cook_yield

Duncan

Perlakuan	N	Subset for alpha = .05		
		1	2	3
karagenan,t_kedelai 0 %	6	33.6433		
Control	6	34.5917	34.5917	
xanthan gum, t kedelai 0%	6	35.0700	35.0700	35.0700
xanthan gum, t kedelai 5%	6	35.7767	35.7767	35.7767
karagenan, t kedelai 5%	6	35.9383	35.9383	35.9383
xanthan gum, t kedelai 10%	6	35.9967	35.9967	35.9967
karagenan, t kedelai 10%	6		37.1333	37.1333
xanthan gum,t kedelai 15%	6			37.5083
karagenan, t kedelai 15%	6			37.5883
Sig.		.073	.053	.058

Means for groups in homogeneous subsets are displayed.
a Uses Harmonic Mean Sample Size = 6.000.

Lampiran 27. Hasil Analisa Post Hoc Kelentingan (pada One Way Anova)

kelentingan

Duncan

Perlakuan	N	Subset for alpha = .05					
		1	2	3	4	5	6
karagenan, t kedelai 15%	6	2.4950					
xanthan gum, t kedelai 0%	6	2.8417	2.8417				
Control	6	3.0150	3.0150	3.0150			
karagenan,t_kedelai 0 %	6		3.4667	3.4667	3.4667		
xanthan gum, t kedelai 5%	6		3.5250	3.5250	3.5250		
xanthan gum,t kedelai 15%	6			3.8917	3.8917	3.8917	
karagenan, t kedelai 10%	6				4.2633	4.2633	
xanthan gum, t kedelai 10%	6					4.5517	
karagenan, t kedelai 5%	6						6.3017
Sig.		.265	.157	.070	.099	.157	1.000

Means for groups in homogeneous subsets are displayed.
a Uses Harmonic Mean Sample Size = 6.000.

Lampiran 28. Hasil Analisa Post Hoc Kadar Air (pada One Way Anova)

kadar_air

Duncan

Perlakuan	N	Subset for alpha = .05			
		1	2	3	4
xanthan gum, t kedelai 5%	6	66.7917			
karagenan,t_kedelai 0 %	6	67.2600			
karagenan, t kedelai 5%	6	67.6883			
Control	6		68.9800		
karagenan, t kedelai 10%	6		69.2700		
xanthan gum, t kedelai 10%	6		69.4617		
xanthan gum,t kedelai 15%	6			71.0200	
karagenan, t kedelai 15%	6			71.1067	
xanthan gum, t kedelai 0%	6				73.6850
Sig.		.093	.366	.862	1.000

Means for groups in homogeneous subsets are displayed.
a Uses Harmonic Mean Sample Size = 6.000.

Lampiran 29. Hasil Analisa Post Hoc Kadar Abu (pada One Way Anova)

kadar_abu

Duncan

Perlakuan	N	Subset for alpha = .05					
		1	2	3	4	5	6
karagenan,t_kedelai 0 %	6	1.6550					
xanthan gum, t kedelai 0%	6	1.7850	1.7850				
xanthan gum, t kedelai 5%	6		1.9333	1.9333			
karagenan, t kedelai 5%	6		1.9967	1.9967			
xanthan gum, t kedelai 10%	6			2.1133	2.1133		
karagenan, t kedelai 10%	6				2.3283	2.3283	
karagenan, t kedelai 15%	6					2.3800	
xanthan gum,t kedelai 15%	6					2.4033	
Control	6						3.3550
Sig.		.233	.068	.120	.051	.516	1.000

Means for groups in homogeneous subsets are displayed.
a Uses Harmonic Mean Sample Size = 6.000.

Lampiran 30. Hasil Analisa Post Hoc Protein (pada One Way Anova)

protein

Duncan

Perlakuan	N	Subset for alpha = .05					
		1	2	3	4	5	6
karagenan,t_kedelai 0 %	6	14.1250					
Control	6		16.5767				
xanthan gum, t kedelai 0%	6		16.9333				
karagenan, t kedelai 5%	6			18.2600			
xanthan gum, t kedelai 5%	6			19.0267	19.0267		
xanthan gum, t kedelai 10%	6				19.7600	19.7600	
karagenan, t kedelai 10%	6					20.4667	20.4667
xanthan gum,t kedelai 15%	6						21.1183
karagenan, t kedelai 15%	6						21.2300
Sig.		1.000	.465	.120	.137	.152	.143

Means for groups in homogeneous subsets are displayed.
a Uses Harmonic Mean Sample Size = 6.000.

Lampiran 31. Hasil Analisa Post Hoc Lemak (pada One Way Anova)

lemak

Duncan

Perlakuan	N	Subset for alpha = .05					
		1	2	3	4	5	6
karagenan,t_kedelai 0 %	6	3.1117					
xanthan gum, t kedelai 0%	6	3.1567					
Control	6		3.5817				
karagenan, t kedelai 5%	6		3.8167				
karagenan, t kedelai 10%	6			4.1600			
xanthan gum, t kedelai 5%	6				4.4483		
xanthan gum, t kedelai 10%	6					5.0650	
karagenan, t kedelai 15%	6					5.0883	
xanthan gum,t kedelai 15%	6						5.9717
Sig.		.723	.069	1.000	1.000	.854	1.000

Means for groups in homogeneous subsets are displayed.
a Uses Harmonic Mean Sample Size = 6.000.

Lampiran 32. Hasil Analisa Post Hoc Karbohidrat (pada One Way Anova)

karbohidrat

Duncan

Perlakuan	N	Subset for alpha = .05				
		1	2	3	4	5
xanthan gum,t kedelai 15%	6	1.1533				
karagenan, t kedelai 15%	6	1.7250				
xanthan gum, t kedelai 10%	6		3.6000			
karagenan, t kedelai 10%	6		3.9417	3.9417		
xanthan gum, t kedelai 0%	6			4.9400		
Control	6				7.5067	
xanthan gum, t kedelai 5%	6				7.8000	
karagenan, t kedelai 5%	6				8.4050	
karagenan,t_kedelai 0 %	6					14.3483
Sig.		.304	.538	.076	.130	1.000

Means for groups in homogeneous subsets are displayed.
a Uses Harmonic Mean Sample Size = 6.000.

Lampiran 34. Hasil Analisa Post Hoc Amilosa (pada One Way Anova)

amilosa

Duncan

Perlakuan	N	Subset for alpha = .05					
		1	2	3	4	5	6
karagenan, t kedelai 10%	6	8.4583					
karagenan, t kedelai 15%	6	8.4683					
karagenan, t kedelai 5%	6		9.8033				
xanthan gum,t kedelai 15%	6			11.0567			
karagenan,t_kedelai 0 %	6				12.1900		
xanthan gum, t kedelai 5%	6					13.0600	
xanthan gum, t kedelai 10%	6					13.3150	
xanthan gum, t kedelai 0%	6					13.6767	
Control	6						15.3283
Sig.		.974	1.000	1.000	1.000	.062	1.000

Means for groups in homogeneous subsets are displayed.
a Uses Harmonic Mean Sample Size = 6.000.

Lampiran 35. Uji Non Parametrik Kruskal-Wallis Test Sensori Mie Basah dengan Berbagai Komposisi

Ranks

	Sample	N	Mean Rank
Kekenyalan	T. Terigu 100%, T. Kedelai 0%, Karagenan 1%	50	148.90
	T. Terigu 95 %, T. Kedelai 5%, Karagenan 1%	50	212.02
	T. Terigu 90%, T. Kedelai 10%, Karagenan 1%	50	172.38
	T. Terigu 85%, T. Kedelai 15%, Karagenan 1%	50	170.22
	T. Terigu 100%, T. Kedelai 0%, Xanthan Gum 1%	50	277.62
	T. Terigu 95%, T. Kedelai 5%, Xanthan Gum 1%	50	229.34
	T. Terigu 90%, T. Kedelai 10%, Xanthan Gum 1%	50	222.18
	T. Terigu 85%, T. Kedelai 15%, Xanthan Gum 1%	50	171.34
	Total	400	
rasa	T. Terigu 100%, T. Kedelai 0%,	50	127.98

	Karagenan 1%		
	T. Terigu 95 %, T. Kedelai 5%, Karagenan 1%	50	201.10
	T. Terigu 90%, T. Kedelai 10%, Karagenan 1%	50	190.38
	T. Terigu 85%, T. Kedelai 15%, Karagenan 1%	50	174.82
	T. Terigu 100%, T. Kedelai 0%, Xanthan Gum 1%	50	282.86
	T. Terigu 95%, T. Kedelai 5%, Xanthan Gum 1%	50	230.30
	T. Terigu 90%, T. Kedelai 10%, Xanthan Gum 1%	50	202.34
	T. Terigu 85%, T. Kedelai 15%, Xanthan Gum 1%	50	194.22
	Total	400	
overall_tekstur	T. Terigu 100%, T. Kedelai 0%, Karagenan 1%	50	133.58
	T. Terigu 95 %, T. Kedelai 5%, Karagenan 1%	50	209.06
	T. Terigu 90%, T. Kedelai 10%, Karagenan 1%	50	189.58
	T. Terigu 85%, T. Kedelai 15%, Karagenan 1%	50	151.54
	T. Terigu 100%, T. Kedelai 0%, Xanthan Gum 1%	50	276.62
	T. Terigu 95%, T. Kedelai 5%, Xanthan Gum 1%	50	220.82
	T. Terigu 90%, T. Kedelai 10%, Xanthan Gum 1%	50	231.02
	T. Terigu 85%, T. Kedelai 15%, Xanthan Gum 1%	50	191.78
	Total	400	

Test Statistics(a,b)

	kekenyalan	rasa	overall_tekstur
Chi-Square	50.570	54.908	56.617
df	7	7	7
Asymp. Sig.	.000	.000	.000

a Kruskal Wallis Test
b Grouping Variable: sampel

Lampiran 36. Uji Non Parametrik Mann-Whitney Test Sensori Mie Basah dengan Berbagai Komposisi

- Mie basah komposisi tepung terigu 100%, tepung kedelai 1%,karagenan 1% dengan mie basah komposisi tepung terigu 95%, tepung kedelai 5%, karagenan 1%.

Ranks

	Sample	N	Mean Rank	Sum of Ranks
kekenyalan	T. Terigu 100%, T. Kedelai 0%, Karagenan 1%	50	41.86	2093.00
	T. Terigu 95 %, T. Kedelai 5%, Karagenan 1%	50	59.14	2957.00
	Total	100		
rasa	T. Terigu 100%, T. Kedelai 0%, Karagenan 1%	50	40.02	2001.00
	T. Terigu 95 %, T. Kedelai 5%, Karagenan 1%	50	60.98	3049.00
	Total	100		
overall_tekstur	T. Terigu 100%, T. Kedelai 0%, Karagenan 1%	50	39.82	1991.00
	T. Terigu 95 %, T. Kedelai 5%, Karagenan 1%	50	61.18	3059.00
	Total	100		

Test Statistics(a)

	Kekenyalan	rasa	overall_tekstur
Mann-Whitney U	818.000	726.000	716.000
Wilcoxon W	2093.000	2001.000	1991.000
Z	-3.121	-3.799	-3.812
Asymp. Sig. (2-tailed)	.002	.000	.000

a Grouping Variable: sampel

- Mie basah komposisi tepung terigu 100%, tepung kedelai 0%, karagenan 1% dengan mie basah komposisi tepung terigu 90%, tepung kedelai 10%, karagenan 1%

Ranks

	Sample	N	Mean Rank	Sum of Ranks
kekenyalan	T. Terigu 100%, T. Kedelai 0%, Karagenan 1%	50	47.50	2375.00
	T. Terigu 90%, T. Kedelai 10%, Karagenan 1%	50	53.50	2675.00
	Total	100		
rasa	T. Terigu 100%, T. Kedelai 0%, Karagenan 1%	50	42.54	2127.00
	T. Terigu 90%, T. Kedelai 10%, Karagenan 1%	50	58.46	2923.00
	Total	100		
overall_tekstur	T. Terigu 100%, T. Kedelai 0%, Karagenan 1%	50	42.70	2135.00
	T. Terigu 90%, T. Kedelai 10%, Karagenan 1%	50	58.30	2915.00
	Total	100		

Test Statistics(a)

	kekenyalan	Rasa	overall_tekstur
Mann-Whitney U	1100.000	852.000	860.000
Wilcoxon W	2375.000	2127.000	2135.000
Z	-1.079	-2.852	-2.796
Asymp. Sig. (2-tailed)	.281	.004	.005

a Grouping Variable: sampel

- Mie basah komposisi tepung terigu 100%, tepung kedelai 0%, karagenan 1% dengan mie basah komposisi tepung terigu 85%, tepung kedelai 15%, karagenan 1%

Ranks

	Sample	N	Mean Rank	Sum of Ranks
kekenyalan	T. Terigu 100%, T. Kedelai 0%, Karagenan 1%	50	47.94	2397.00
	T. Terigu 85%, T. Kedelai 15%, Karagenan 1%	50	53.06	2653.00
	Total	100		
rasa	T. Terigu 100%, T. Kedelai 0%, Karagenan 1%	50	44.50	2225.00
	T. Terigu 85%, T. Kedelai 15%, Karagenan 1%	50	56.50	2825.00
	Total	100		
overall_tekstur	T. Terigu 100%, T. Kedelai 0%, Karagenan 1%	50	47.42	2371.00
	T. Terigu 85%, T. Kedelai 15%, Karagenan 1%	50	53.58	2679.00
	Total	100		

Test Statistics(a)

	kekenyalan	Rasa	overall_tekstur
Mann-Whitney U	1122.000	950.000	1096.000
Wilcoxon W	2397.000	2225.000	2371.000
Z	-.914	-2.174	-1.114
Asymp. Sig. (2-tailed)	.361	.030	.265

a Grouping Variable: sampel

- Mie basah komposisi tepung terigu 100%, tepung kedelai 0%, karagenan 1% dengan mie basah komposisi tepung terigu 100%, tepung kedelai 0%, xanthan gum 1%

Ranks

	Sample	N	Mean Rank	Sum of Ranks
kekenyalan	T. Terigu 100%, T. Kedelai 0%, Karagenan 1%	50	36.06	1803.00
	T. Terigu 100%, T. Kedelai 0%, Xanthan Gum 1%	50	64.94	3247.00
	Total	100		
rasa	T. Terigu 100%, T. Kedelai 0%, Karagenan 1%	50	33.18	1659.00
	T. Terigu 100%, T. Kedelai 0%, Xanthan Gum 1%	50	67.82	3391.00
	Total	100		
overall_tekstur	T. Terigu 100%, T. Kedelai 0%, Karagenan 1%	50	35.86	1793.00
	T. Terigu 100%, T. Kedelai 0%, Xanthan Gum 1%	50	65.14	3257.00
	Total	100		

Test Statistics(a)

	kekenyalan	Rasa	overall_tekstur
Mann-Whitney U	528.000	384.000	518.000
Wilcoxon W	1803.000	1659.000	1793.000
Z	-5.108	-6.130	-5.176
Asymp. Sig. (2-tailed)	.000	.000	.000

a Grouping Variable: sampel

- Mie basah komposisi tepung terigu 100%, tepung kedelai 0%, karagenan 1% dengan mie basah komposisi tepung terigu 95%, tepung kedelai 5%, xanthan gum 1%

Ranks

	Sample	N	Mean Rank	Sum of Ranks
kekenyalan	T. Terigu 100%, T. Kedelai 0%, Karagenan 1%	50	40.06	2003.00
	T. Terigu 95%, T. Kedelai 5%, Xanthan Gum 1%	50	60.94	3047.00
	Total	100		
rasa	T. Terigu 100%, T. Kedelai 0%, Karagenan 1%	50	37.34	1867.00
	T. Terigu 95%, T. Kedelai 5%, Xanthan Gum 1%	50	63.66	3183.00
	Total	100		
overall_tekstur	T. Terigu 100%, T. Kedelai 0%, Karagenan 1%	50	38.90	1945.00
	T. Terigu 95%, T. Kedelai 5%, Xanthan Gum 1%	50	62.10	3105.00
	Total	100		

Test Statistics(a)

	kekenyalan	rasa	overall_tekstur
Mann-Whitney U	728.000	592.000	670.000
Wilcoxon W	2003.000	1867.000	1945.000
Z	-3.743	-4.718	-4.131
Asymp. Sig. (2-tailed)	.000	.000	.000

a Grouping Variable: sampel

- Mie basah komposisi tepung terigu 100%, tepung kedelai 0%, karagenan 1% dengan mie basah komposisi tepung terigu 90%, tepung kedelai 10%, xanthan gum 1%

Ranks

	Sample	N	Mean Rank	Sum of Ranks
kekenyalan	T. Terigu 100%, T. Kedelai 0%, Karagenan 1%	50	41.22	2061.00
	T. Terigu 90%, T. Kedelai 10%, Xanthan Gum 1%	50	59.78	2989.00
	Total	100		
rasa	T. Terigu 100%, T. Kedelai 0%, Karagenan 1%	50	41.50	2075.00
	T. Terigu 90%, T. Kedelai 10%, Xanthan Gum 1%	50	59.50	2975.00
	Total	100		
overall_tekstur	T. Terigu 100%, T. Kedelai 0%, Karagenan 1%	50	38.38	1919.00
	T. Terigu 90%, T. Kedelai 10%, Xanthan Gum 1%	50	62.62	3131.00
	Total	100		

Test Statistics(a)

	kekenyalan	rasa	Overall_tekstur
Mann-Whitney U	786.000	800.000	644.000
Wilcoxon W	2061.000	2075.000	1919.000
Z	-3.315	-3.234	-4.294
Asymp. Sig. (2-tailed)	.001	.001	.000

a Grouping Variable: sampel

- Mie basah komposisi tepung terigu 100%, tepung kedelai 0%, karagenan 1% dengan mie basah komposisi tepung terigu 85%, tepung kedelai 15%, xanthan gum 1%

Ranks

	Sample	N	Mean Rank	Sum of Ranks
kekenyalan	T. Terigu 100%, T. Kedelai 0%, Karagenan 1%	50	47.26	2363.00
	T. Terigu 85%, T. Kedelai 15%, Xanthan Gum 1%	50	53.74	2687.00
	Total	100		
rasa	T. Terigu 100%, T. Kedelai 0%, Karagenan 1%	50	41.90	2095.00
	T. Terigu 85%, T. Kedelai 15%, Xanthan Gum 1%	50	59.10	2955.00
	Total	100		
overall_tekstur	T. Terigu 100%, T. Kedelai 0%, Karagenan 1%	50	43.50	2175.00
	T. Terigu 85%, T. Kedelai 15%, Xanthan Gum 1%	50	57.50	2875.00
	Total	100		

Test Statistics(a)

	kekenyalan	rasa	overall_tekstur
Mann-Whitney U	1088.000	820.000	900.000
Wilcoxon W	2363.000	2095.000	2175.000
Z	-1.171	-3.079	-2.488
Asymp. Sig. (2-tailed)	.242	.002	.013

a Grouping Variable: sampel

- Mie basah komposisi tepung terigu 95%, tepung kedelai 5%, karagenan 1% dengan mie basah komposisi tepung terigu 90%, tepung kedelai 10%, karagenan 1%

Ranks

	Sample	N	Mean Rank	Sum of Ranks
kekenyalan	T. Terigu 95 %, T. Kedelai 5%, Karagenan 1%	50	55.78	2789.00
	T. Terigu 90%, T. Kedelai 10%, Karagenan 1%	50	45.22	2261.00
	Total	100		
rasa	T. Terigu 95 %, T. Kedelai 5%, Karagenan 1%	50	51.82	2591.00
	T. Terigu 90%, T. Kedelai 10%, Karagenan 1%	50	49.18	2459.00
	Total	100		
overall_tekstur	T. Terigu 95 %, T. Kedelai 5%, Karagenan 1%	50	53.58	2679.00
	T. Terigu 90%, T. Kedelai 10%, Karagenan 1%	50	47.42	2371.00
	Total	100		

Test Statistics(a)

	kekenyalan	rasa	overall_tekstur
Mann-Whitney U	986.000	1184.000	1096.000
Wilcoxon W	2261.000	2459.000	2371.000
Z	-1.904	-.477	-1.115
Asymp. Sig. (2-tailed)	.057	.633	.265

a Grouping Variable: sampel

- Mie basah komposisi tepung terigu 95%, tepung kedelai 5%, karagenan 1% dengan mie basah komposisi tepung terigu 85%, tepung kedelai 15%, karagenan 1%

Ranks

	Sample	N	Mean Rank	Sum of Ranks
kekenyalan	T. Terigu 95 %, T. Kedelai 5%, Karagenan 1%	50	56.10	2805.00
	T. Terigu 85%, T. Kedelai 15%, Karagenan 1%	50	44.90	2245.00
	Total	100		
rasa	T. Terigu 95 %, T. Kedelai 5%, Karagenan 1%	50	54.42	2721.00
	T. Terigu 85%, T. Kedelai 15%, Karagenan 1%	50	46.58	2329.00
	Total	100		
overall_tekstur	T. Terigu 95 %, T. Kedelai 5%, Karagenan 1%	50	59.06	2953.00
	T. Terigu 85%, T. Kedelai 15%, Karagenan 1%	50	41.94	2097.00
	Total	100		

Test Statistics(a)

	kekenyalan	Rasa	overall_tekstur
Mann-Whitney U	970.000	1054.000	822.000
Wilcoxon W	2245.000	2329.000	2097.000
Z	-2.038	-1.413	-3.082
Asymp. Sig. (2-tailed)	.042	.158	.002

a Grouping Variable: sampel

- Mie basah komposisi tepung terigu 95%, tepung kedelai 5%, karagenan 1% dengan mie basah komposisi tepung terigu 100%, tepung kedelai 0%, xanthan gum 1%

Ranks

	Sample	N	Mean Rank	Sum of Ranks
kekenyalan	T. Terigu 95 %, T. Kedelai 5%, Karagenan 1%	50	40.26	2013.00
	T. Terigu 100%, T. Kedelai 0%, Xanthan Gum 1%	50	60.74	3037.00
	Total	100		
rasa	T. Terigu 95 %, T. Kedelai 5%, Karagenan 1%	50	38.82	1941.00
	T. Terigu 100%, T. Kedelai 0%, Xanthan Gum 1%	50	62.18	3109.00
	Total	100		
overall_tekstur	T. Terigu 95 %, T. Kedelai 5%, Karagenan 1%	50	39.42	1971.00
	T. Terigu 100%, T. Kedelai 0%, Xanthan Gum 1%	50	61.58	3079.00
	Total	100		

Test Statistics(a)

	kekenyalan	rasa	overall_tekstur
Mann-Whitney U	738.000	666.000	696.000
Wilcoxon W	2013.000	1941.000	1971.000
Z	-3.679	-4.202	-3.967
Asymp. Sig. (2-tailed)	.000	.000	.000

a Grouping Variable: sampel

- Mie basah komposisi tepung terigu 95%, tepung kedelai 5%, karagenan 1% dengan mie basah komposisi tepung terigu 95%, tepung kedelai 5%, xanthan gum 1%

Ranks

	Sample	N	Mean Rank	Sum of Ranks
kekenyalan	T. Terigu 95 %, T. Kedelai 5%, Karagenan 1%	50	48.10	2405.00
	T. Terigu 95%, T. Kedelai 5%, Xanthan Gum 1%	50	52.90	2645.00
	Total	100		
rasa	T. Terigu 95 %, T. Kedelai 5%, Karagenan 1%	50	46.38	2319.00
	T. Terigu 95%, T. Kedelai 5%, Xanthan Gum 1%	50	54.62	2731.00
	Total	100		
overall_tekstur	T. Terigu 95 %, T. Kedelai 5%, Karagenan 1%	50	49.06	2453.00
	T. Terigu 95%, T. Kedelai 5%, Xanthan Gum 1%	50	51.94	2597.00
	Total	100		

Test Statistics(a)

	kekenyalan	rasa	overall_tekstur
Mann-Whitney U	1130.000	1044.000	1178.000
Wilcoxon W	2405.000	2319.000	2453.000
Z	-.890	-1.494	-.527
Asymp. Sig. (2-tailed)	.374	.135	.598

a Grouping Variable: sampel

- Mie basah komposisi tepung terigu 95%, tepung kedelai 5%, karagenan 1% dengan mie basah komposisi tepung terigu 90%, tepung kedelai 10%, xanthan gum 1%

Ranks

	Sample	N	Mean Rank	Sum of Ranks
kekenyalan	T. Terigu 95 %, T. Kedelai 5%, Karagenan 1%	50	48.90	2445.00
	T. Terigu 90%, T. Kedelai 10%, Xanthan Gum 1%	50	52.10	2605.00
	Total	100		
rasa	T. Terigu 95 %, T. Kedelai 5%, Karagenan 1%	50	50.58	2529.00
	T. Terigu 90%, T. Kedelai 10%, Xanthan Gum 1%	50	50.42	2521.00
	Total	100		
overall_tekstur	T. Terigu 95 %, T. Kedelai 5%, Karagenan 1%	50	47.02	2351.00
	T. Terigu 90%, T. Kedelai 10%, Xanthan Gum 1%	50	53.98	2699.00
	Total	100		

Test Statistics(a)

	kekenyalan	rasa	overall_tekstur
Mann-Whitney U	1170.000	1246.000	1076.000
Wilcoxon W	2445.000	2521.000	2351.000
Z	-.589	-.029	-1.271
Asymp. Sig. (2-tailed)	.556	.977	.204

a Grouping Variable: sampel

- Mie basah komposisi tepung terigu 95%, tepung kedelai 5%, karagenan 1% dengan mie basah komposisi tepung terigu 85%, tepung kedelai 15%, xanthan gum 1%

Ranks

	Sample	N	Mean Rank	Sum of Ranks
kekenyalan	T. Terigu 95 %, T. Kedelai 5%, Karagenan 1%	50	56.74	2837.00
	T. Terigu 85%, T. Kedelai 15%, Xanthan Gum 1%	50	44.26	2213.00
	Total	100		
rasa	T. Terigu 95 %, T. Kedelai 5%, Karagenan 1%	50	51.10	2555.00
	T. Terigu 85%, T. Kedelai 15%, Xanthan Gum 1%	50	49.90	2495.00
	Total	100		
overall_tekstur	T. Terigu 95 %, T. Kedelai 5%, Karagenan 1%	50	52.74	2637.00
	T. Terigu 85%, T. Kedelai 15%, Xanthan Gum 1%	50	48.26	2413.00
	Total	100		

Test Statistics(a)

	kekenyalan	rasa	overall_tekstur
Mann-Whitney U	938.000	1220.000	1138.000
Wilcoxon W	2213.000	2495.000	2413.000
Z	-2.279	-.218	-.805
Asymp. Sig. (2-tailed)	.023	.828	.421

a Grouping Variable: sampel

- Mie basah komposisi tepung terigu 90%, tepung kedelai 10%, karagenan 1% dengan mie basah komposisi tepung terigu 85%, tepung kedelai 15%, karagenan 1%

Ranks

	Sample	N	Mean Rank	Sum of Ranks
kekenyalan	T. Terigu 90%, T. Kedelai 10%, Karagenan 1%	50	50.90	2545.00
	T. Terigu 85%, T. Kedelai 15%, Karagenan 1%	50	50.10	2505.00
	Total	100		
rasa	T. Terigu 90%, T. Kedelai 10%, Karagenan 1%	50	52.42	2621.00
	T. Terigu 85%, T. Kedelai 15%, Karagenan 1%	50	48.58	2429.00
	Total	100		
overall_tekstur	T. Terigu 90%, T. Kedelai 10%, Karagenan 1%	50	55.66	2783.00
	T. Terigu 85%, T. Kedelai 15%, Karagenan 1%	50	45.34	2267.00
	Total	100		

Test Statistics(a)

	kekenyalan	rasa	overall_tekstur
Mann-Whitney U	1230.000	1154.000	992.000
Wilcoxon W	2505.000	2429.000	2267.000
Z	-.143	-.687	-1.853
Asymp. Sig. (2-tailed)	.886	.492	.064

a Grouping Variable: sampel

- Mie basah komposisi tepung terigu 90%, tepung kedelai 10%, karagenan 1% dengan mie basah komposisi tepung terigu 100%, tepung kedelai 0%, xanthan gum 1%

Ranks

	sampel	N	Mean Rank	Sum of Ranks
kekenyalan	T. Terigu 90%, T. Kedelai 10%, Karagenan 1%	50	38.18	1909.00
	T. Terigu 100%, T. Kedelai 0%, Xanthan Gum 1%	50	62.82	3141.00
	Total	100		
rasa	T. Terigu 90%, T. Kedelai 10%, Karagenan 1%	50	38.82	1941.00
	T. Terigu 100%, T. Kedelai 0%, Xanthan Gum 1%	50	62.18	3109.00
	Total	100		
overall_tekstur	T. Terigu 90%, T. Kedelai 10%, Karagenan 1%	50	39.70	1985.00
	T. Terigu 100%, T. Kedelai 0%, Xanthan Gum 1%	50	61.30	3065.00
	Total	100		

Test Statistics(a)

	kekenyalan	rasa	overall_tekstur
Mann-Whitney U	634.000	666.000	710.000
Wilcoxon W	1909.000	1941.000	1985.000
Z	-4.396	-4.196	-3.831
Asymp. Sig. (2-tailed)	.000	.000	.000

a Grouping Variable: sampel

- Mie basah komposisi tepung terigu 90%, tepung kedelai 10%, karagenan 1% dengan mie basah komposisi tepung terigu 95%, tepung kedelai 5%, xanthan gum 1%

Ranks

	sampel	N	Mean Rank	Sum of Ranks
kekenyalan	T. Terigu 90%, T. Kedelai 10%, Karagenan 1%	50	43.14	2157.00
	T. Terigu 95%, T. Kedelai 5%, Xanthan Gum 1%	50	57.86	2893.00
	Total	100		
rasa	T. Terigu 90%, T. Kedelai 10%, Karagenan 1%	50	45.46	2273.00
	T. Terigu 95%, T. Kedelai 5%, Xanthan Gum 1%	50	55.54	2777.00
	Total	100		
overall_tekstur	T. Terigu 90%, T. Kedelai 10%, Karagenan 1%	50	46.22	2311.00
	T. Terigu 95%, T. Kedelai 5%, Xanthan Gum 1%	50	54.78	2739.00
	Total	100		

Test Statistics(a)

	kekenyalan	rasa	overall_tekstur
Mann-Whitney U	882.000	998.000	1036.000
Wilcoxon W	2157.000	2273.000	2311.000
Z	-2.641	-1.812	-1.536
Asymp. Sig. (2-tailed)	.008	.070	.125

a Grouping Variable: sampel

- Mie basah komposisi tepung terigu 90%, tepung kedelai 10%, karagenan 1% dengan mie basah komposisi tepung terigu 90%, tepung kedelai 10%, xanthan gum 1%

Ranks

	sampel	N	Mean Rank	Sum of Ranks
kekenyalan	T. Terigu 90%, T. Kedelai 10%, Karagenan 1%	50	44.22	2211.00
	T. Terigu 90%, T. Kedelai 10%, Xanthan Gum 1%	50	56.78	2839.00
	Total	100		
rasa	T. Terigu 90%, T. Kedelai 10%, Karagenan 1%	50	48.86	2443.00
	T. Terigu 90%, T. Kedelai 10%, Xanthan Gum 1%	50	52.14	2607.00
	Total	100		
overall_tekstur	T. Terigu 90%, T. Kedelai 10%, Karagenan 1%	50	44.90	2245.00
	T. Terigu 90%, T. Kedelai 10%, Xanthan Gum 1%	50	56.10	2805.00
	Total	100		

Test Statistics(a)

	kekenyalan	rasa	overall_tekstur
Mann-Whitney U	936.000	1168.000	970.000
Wilcoxon W	2211.000	2443.000	2245.000
Z	-2.247	-.587	-2.002
Asymp. Sig. (2-tailed)	.025	.557	.045

a Grouping Variable: sampel

- Mie basah komposisi tepung terigu 90%, tepung kedelai 10%, karagenan 1% dengan mie basah komposisi tepung terigu 85%, tepung kedelai 15%, xanthan gum 1%

Ranks

	sampel	N	Mean Rank	Sum of Ranks
kekenyalan	T. Terigu 90%, T. Kedelai 10%, Karagenan 1%	50	50.22	2511.00
	T. Terigu 85%, T. Kedelai 15%, Xanthan Gum 1%	50	50.78	2539.00
	Total	100		
rasa	T. Terigu 90%, T. Kedelai 10%, Karagenan 1%	50	50.18	2509.00
	T. Terigu 85%, T. Kedelai 15%, Xanthan Gum 1%	50	50.82	2541.00
	Total	100		
overall_tekstur	T. Terigu 90%, T. Kedelai 10%, Karagenan 1%	50	50.38	2519.00
	T. Terigu 85%, T. Kedelai 15%, Xanthan Gum 1%	50	50.62	2531.00
	Total	100		

Test Statistics(a)

	kekenyalan	rasa	overall_tekstur
Mann-Whitney U	1236.000	1234.000	1244.000
Wilcoxon W	2511.000	2509.000	2519.000
Z	-.101	-.115	-.043
Asymp. Sig. (2-tailed)	.919	.908	.966

a Grouping Variable: sampel

- Mie basah komposisi tepung terigu 85%, tepung kedelai 15%, karagenan 1% dengan mie basah komposisi tepung terigu 100%, tepung kedelai 0%, xanthan gum 1%

Ranks

	sampel	N	Mean Rank	Sum of Ranks
kekenyalan	T. Terigu 85%, T. Kedelai 15%, Karagenan 1%	50	38.02	1901.00
	T. Terigu 100%, T. Kedelai 0%, Xanthan Gum 1%	50	62.98	3149.00
	Total	100		
rasa	T. Terigu 85%, T. Kedelai 15%, Karagenan 1%	50	37.70	1885.00
	T. Terigu 100%, T. Kedelai 0%, Xanthan Gum 1%	50	63.30	3165.00
	Total	100		
overall_tekstur	T. Terigu 85%, T. Kedelai 15%, Karagenan 1%	50	36.66	1833.00
	T. Terigu 100%, T. Kedelai 0%, Xanthan Gum 1%	50	64.34	3217.00
	Total	100		

Test Statistics(a)

	kekenyalan	rasa	overall_tekstur
Mann-Whitney U	626.000	610.000	558.000
Wilcoxon W	1901.000	1885.000	1833.000
Z	-4.415	-4.552	-4.890
Asymp. Sig. (2-tailed)	.000	.000	.000

a Grouping Variable: sampel

- Mie basah komposisi tepung terigu 85%, tepung kedelai 15%, karagenan 1% dengan mie basah komposisi tepung terigu 95%, tepung kedelai 5%, xanthan gum 1%

Ranks

	sampel	N	Mean Rank	Sum of Ranks
kekenyalan	T. Terigu 85%, T. Kedelai 15%, Karagenan 1%	50	42.98	2149.00
	T. Terigu 95%, T. Kedelai 5%, Xanthan Gum 1%	50	58.02	2901.00
	Total	100		
rasa	T. Terigu 85%, T. Kedelai 15%, Karagenan 1%	50	43.30	2165.00
	T. Terigu 95%, T. Kedelai 5%, Xanthan Gum 1%	50	57.70	2885.00
	Total	100		
overall_tekstur	T. Terigu 85%, T. Kedelai 15%, Karagenan 1%	50	41.10	2055.00
	T. Terigu 95%, T. Kedelai 5%, Xanthan Gum 1%	50	59.90	2995.00
	Total	100		

Test Statistics(a)

	kekenyalan	rasa	overall_tekstur
Mann-Whitney U	874.000	890.000	780.000
Wilcoxon W	2149.000	2165.000	2055.000
Z	-2.708	-2.575	-3.367
Asymp. Sig. (2-tailed)	.007	.010	.001

a Grouping Variable: sampel

- Mie basah komposisi tepung terigu 85%, tepung kedelai 15%, karagenan 1% dengan mie basah komposisi tepung terigu 90%, tepung kedelai 10%, xanthan gum 1%

Ranks

	sampel	N	Mean Rank	Sum of Ranks
kekenyalan	T. Terigu 85%, T. Kedelai 15%, Karagenan 1%	50	43.98	2199.00
	T. Terigu 90%, T. Kedelai 10%, Xanthan Gum 1%	50	57.02	2851.00
	Total	100		
rasa	T. Terigu 85%, T. Kedelai 15%, Karagenan 1%	50	47.22	2361.00
	T. Terigu 90%, T. Kedelai 10%, Xanthan Gum 1%	50	53.78	2689.00
	Total	100		
overall_tekstur	T. Terigu 85%, T. Kedelai 15%, Karagenan 1%	50	40.14	2007.00
	T. Terigu 90%, T. Kedelai 10%, Xanthan Gum 1%	50	60.86	3043.00
	Total	100		

Test Statistics(a)

	kekenyalan	rasa	overall_tekstur
Mann-Whitney U	924.000	1086.000	732.000
Wilcoxon W	2199.000	2361.000	2007.000
Z	-2.337	-1.172	-3.689
Asymp. Sig. (2-tailed)	.019	.241	.000

a Grouping Variable: sampel

- Mie basah komposisi tepung terigu 85%, tepung kedelai 15%, karagenan 1% dengan mie basah komposisi tepung terigu 85%, tepung kedelai 15%, xanthan gum 1%

Ranks

	sampel	N	Mean Rank	Sum of Ranks
kekenyalan	T. Terigu 85%, T. Kedelai 15%, Karagenan 1%	50	50.18	2509.00
	T. Terigu 85%, T. Kedelai 15%, Xanthan Gum 1%	50	50.82	2541.00
	Total	100		
rasa	T. Terigu 85%, T. Kedelai 15%, Karagenan 1%	50	47.94	2397.00
	T. Terigu 85%, T. Kedelai 15%, Xanthan Gum 1%	50	53.06	2653.00
	Total	100		
overall_tekstur	T. Terigu 85%, T. Kedelai 15%, Karagenan 1%	50	45.78	2289.00
	T. Terigu 85%, T. Kedelai 15%, Xanthan Gum 1%	50	55.22	2761.00
	Total	100		

Test Statistics(a)

	kekenyalan	rasa	overall_tekstur
Mann-Whitney U	1234.000	1122.000	1014.000
Wilcoxon W	2509.000	2397.000	2289.000
Z	-.115	-.915	-1.680
Asymp. Sig. (2-tailed)	.908	.360	.093

a Grouping Variable: sampel

- Mie basah komposisi tepung terigu 100%, tepung kedelai 0%, xanthan Gum 1% dengan mie basah komposisi tepung terigu 95%, tepung kedelai 5%, xanthan gum 1%

Ranks

	Sample	N	Mean Rank	Sum of Ranks
kekenyalan	T. Terigu 100%, T. Kedelai 0%, Xanthan Gum 1%	50	58.10	2905.00
	T. Terigu 95%, T. Kedelai 5%, Xanthan Gum 1%	50	42.90	2145.00
	Total	100		
rasa	T. Terigu 100%, T. Kedelai 0%, Xanthan Gum 1%	50	58.22	2911.00
	T. Terigu 95%, T. Kedelai 5%, Xanthan Gum 1%	50	42.78	2139.00
	Total	100		
overall_tekstur	T. Terigu 100%, T. Kedelai 0%, Xanthan Gum 1%	50	58.86	2943.00
	T. Terigu 95%, T. Kedelai 5%, Xanthan Gum 1%	50	42.14	2107.00
	Total	100		

Test Statistics(a)

	kekenyalan	rasa	overall_tekstur
Mann-Whitney U	870.000	864.000	832.000
Wilcoxon W	2145.000	2139.000	2107.000
Z	-2.723	-2.790	-2.981
Asymp. Sig. (2-tailed)	.006	.005	.003

a Grouping Variable: sampel

- Mie basah komposisi tepung terigu 100%, tepung kedelai 0%, xanthan gum 1% dengan mie basah komposisi tepung terigu 90%, tepung kedelai 10%, xanthan gum 1%

Ranks

	Sample	N	Mean Rank	Sum of Ranks
kekenyalan	T. Terigu 100%, T. Kedelai 0%, Xanthan Gum 1%	50	58.50	2925.00
	T. Terigu 90%, T. Kedelai 10%, Xanthan Gum 1%	50	42.50	2125.00
	Total	100		
rasa	T. Terigu 100%, T. Kedelai 0%, Xanthan Gum 1%	50	60.06	3003.00
	T. Terigu 90%, T. Kedelai 10%, Xanthan Gum 1%	50	40.94	2047.00
	Total	100		
overall_tekstur	T. Terigu 100%, T. Kedelai 0%, Xanthan Gum 1%	50	57.98	2899.00
	T. Terigu 90%, T. Kedelai 10%, Xanthan Gum 1%	50	43.02	2151.00
	Total	100		

Test Statistics(a)

	kekenyalan	rasa	overall_tekstur
Mann-Whitney U	850.000	772.000	876.000
Wilcoxon W	2125.000	2047.000	2151.000
Z	-2.860	-3.418	-2.678
Asymp. Sig. (2-tailed)	.004	.001	.007

a Grouping Variable: sampel

- Mie basah komposisi tepung terigu 100%, tepung kedelai 0%, xanthan gum1% dengan mie basah komposisi tepung terigu 85%, tepung kedelai 15%, xanthan gum 1%

Ranks

	sampel	N	Mean Rank	Sum of Ranks
kekenyalan	T. Terigu 100%, T. Kedelai 0%, Xanthan Gum 1%	50	62.54	3127.00
	T. Terigu 85%, T. Kedelai 15%, Xanthan Gum 1%	50	38.46	1923.00
	Total	100		
rasa	T. Terigu 100%, T. Kedelai 0%, Xanthan Gum 1%	50	62.10	3105.00
	T. Terigu 85%, T. Kedelai 15%, Xanthan Gum 1%	50	38.90	1945.00
	Total	100		
overall_tekstur	T. Terigu 100%, T. Kedelai 0%, Xanthan Gum 1%	50	60.42	3021.00
	T. Terigu 85%, T. Kedelai 15%, Xanthan Gum 1%	50	40.58	2029.00
	Total	100		

Test Statistics(a)

	kekenyalan	rasa	overall_tekstur
Mann-Whitney U	648.000	670.000	754.000
Wilcoxon W	1923.000	1945.000	2029.000
Z	-4.271	-4.172	-3.517
Asymp. Sig. (2-tailed)	.000	.000	.000

a Grouping Variable: sampel

- Mie basah komposisi tepung terigu 95%, tepung kedelai 5%, xanthan gum 1% dengan mie basah komposisi tepung terigu 90%, tepung kedelai 10%, xanthan gum 1%

Ranks

	sampel	N	Mean Rank	Sum of Ranks
kekenyalan	T. Terigu 95%, T. Kedelai 5%, Xanthan Gum 1%	50	51.26	2563.00
	T. Terigu 90%, T. Kedelai 10%, Xanthan Gum 1%	50	49.74	2487.00
	Total	100		
rasa	T. Terigu 95%, T. Kedelai 5%, Xanthan Gum 1%	50	54.02	2701.00
	T. Terigu 90%, T. Kedelai 10%, Xanthan Gum 1%	50	46.98	2349.00
	Total	100		
overall_tekstur	T. Terigu 95%, T. Kedelai 5%, Xanthan Gum 1%	50	48.82	2441.00
	T. Terigu 90%, T. Kedelai 10%, Xanthan Gum 1%	50	52.18	2609.00
	Total	100		

Test Statistics(a)

	kekenyalan	rasa	overall_tekstur
Mann-Whitney U	1212.000	1074.000	1166.000
Wilcoxon W	2487.000	2349.000	2441.000
Z	-.276	-1.257	-.605
Asymp. Sig. (2-tailed)	.782	.209	.545

a Grouping Variable: sampel

- Mie basah komposisi tepung terigu 95%, tepung kedelai 5%, xanthan gum 1% dengan mie basah komposisi tepung terigu 85%, tepung kedelai 15%, xanthan gum 1%

Ranks

	sampel	N	Mean Rank	Sum of Ranks
kekenyalan	T. Terigu 95%, T. Kedelai 5%, Xanthan Gum 1%	50	58.46	2923.00
	T. Terigu 85%, T. Kedelai 15%, Xanthan Gum 1%	50	42.54	2127.00
	Total	100		
rasa	T. Terigu 95%, T. Kedelai 5%, Xanthan Gum 1%	50	54.98	2749.00
	T. Terigu 85%, T. Kedelai 15%, Xanthan Gum 1%	50	46.02	2301.00
	Total	100		
overall_tekstur	T. Terigu 95%, T. Kedelai 5%, Xanthan Gum 1%	50	54.14	2707.00
	T. Terigu 85%, T. Kedelai 15%, Xanthan Gum 1%	50	46.86	2343.00
	Total	100		

Test Statistics(a)

	kekenyalan	rasa	overall_tekstur
Mann-Whitney U	852.000	1026.000	1068.000
Wilcoxon W	2127.000	2301.000	2343.000
Z	-2.882	-1.615	-1.297
Asymp. Sig. (2-tailed)	.004	.106	.194

a Grouping Variable: sampel

- Mie basah komposisi tepung terigu 90%, tepung kedelai 10%, xanthan gum 1% dengan mie basah komposisi tepung terigu 85%, tepung kedelai 15%, xanthan gum 1%

Ranks

	sampel	N	Mean Rank	Sum of Ranks
kekenyalan	T. Terigu 90%, T. Kedelai 10%, Xanthan Gum 1%	50	57.26	2863.00
	T. Terigu 85%, T. Kedelai 15%, Xanthan Gum 1%	50	43.74	2187.00
	Total	100		
rasa	T. Terigu 90%, T. Kedelai 10%, Xanthan Gum 1%	50	51.58	2579.00
	T. Terigu 85%, T. Kedelai 15%, Xanthan Gum 1%	50	49.42	2471.00
	Total	100		
overall_tekstur	T. Terigu 90%, T. Kedelai 10%, Xanthan Gum 1%	50	55.26	2763.00
	T. Terigu 85%, T. Kedelai 15%, Xanthan Gum 1%	50	45.74	2287.00
	Total	100		

Test Statistics(a)

	kekenyalan	rasa	overall_tekstur
Mann-Whitney U	912.000	1196.000	1012.000
Wilcoxon W	2187.000	2471.000	2287.000
Z	-2.435	-.385	-1.693
Asymp. Sig. (2-tailed)	.015	.700	.090

a Grouping Variable: sampel

Lampiran 37. Korelasi Mie Basah

Correlations

		C_LOSS	C_YIELD	KELENTIN	K_AIR	K_ABU	LEMAK	PROTEIN	KARBOHRA	AMILOSA
C_LOSS	Pearson Correlation	1	.358**	.005	.094	.619**	.753**	.635**	-.645**	-.063
	Sig. (2-tailed)	.	.008	.970	.498	.000	.000	.000	.000	.649
	N	54	54	54	54	54	54	54	54	54
C_YIELD	Pearson Correlation	.358**	1	.063	.175	.104	.482**	.596**	-.488**	-.410**
	Sig. (2-tailed)	.008	.	.652	.206	.455	.000	.000	.000	.002
	N	54	54	54	54	54	54	54	54	54
KELENTIN	Pearson Correlation	.005	.063	1	-.330*	-.193	.036	.076	.110	-.228
	Sig. (2-tailed)	.970	.652	.	.015	.162	.796	.585	.430	.097
	N	54	54	54	54	54	54	54	54	54
K_AIR	Pearson Correlation	.094	.175	-.330*	1	.097	.126	.210	-.637**	.005
	Sig. (2-tailed)	.498	.206	.015	.	.484	.366	.127	.000	.973
	N	54	54	54	54	54	54	54	54	54
K_ABU	Pearson Correlation	.619**	.104	-.193	.097	1	.167	.159	-.328*	.184
	Sig. (2-tailed)	.000	.455	.162	.484	.	.226	.250	.015	.184
	N	54	54	54	54	54	54	54	54	54
LEMAK	Pearson Correlation	.753**	.482**	.036	.126	.167	1	.798**	-.715**	-.328*
	Sig. (2-tailed)	.000	.000	.796	.366	.226	.	.000	.000	.016
	N	54	54	54	54	54	54	54	54	54
PROTEIN	Pearson Correlation	.635**	.596**	.076	.210	.159	.798**	1	-.812**	-.517**
	Sig. (2-tailed)	.000	.000	.585	.127	.250	.000	.	.000	.000
	N	54	54	54	54	54	54	54	54	54
KARBOHRA	Pearson Correlation	-.645**	-.488**	.110	-.637**	-.328*	-.715**	-.812**	1	.289*
	Sig. (2-tailed)	.000	.000	.430	.000	.015	.000	.000	.	.034
	N	54	54	54	54	54	54	54	54	54
AMILOSA	Pearson Correlation	-.063	-.410**	-.228	.005	.184	-.328*	-.517**	.289*	1
	Sig. (2-tailed)	.649	.002	.097	.973	.184	.016	.000	.034	.
	N	54	54	54	54	54	54	54	54	54

**. Correlation is significant at the 0.01 level (2-tailed).

*. Correlation is significant at the 0.05 level (2-tailed).