

# LAMPIRAN

**Lampiran 1. Formulir Uji Organoleptik (Hedonik Test) Terhadap Warna, Rasa, Aroma, Tekstur, dan Penerimaan Secara Keseluruhan *Urutan* Ayam (Sosis Terfermentasi)**

Nama :  
 Hari/Tanggal :  
 Pukul : WITA  
 Produk : *Urutan* Ayam (Sosis Terfermentasi)

Dihadapan saudara terdapat sampel *urutan* ayam (sosis terfermentasi), ujilah bagaimana penerimaan keseluruhan menurut tingkat nilai kesukaan. Berilah tanda (✓) pada kolom dibawah ini sesuai dengan kode dan tingkat kesukaan terhadap warna, rasa, aroma, dan tekstur *urutan* ayam (sosis terfermentasi) berdasarkan penilaian panelis secara organoleptik.

Penilaian	Kode Sampel				
	P1	P2	P3	P4	P5
Sangat Suka					
Suka					
Netral					
Tidak Suka					
Sangat Tidak Suka					

Komentar :

.....  
 .....

**Lampiran 2. Formulir Uji Mutu Hedonik Terhadap Aroma *Urutan Ayam*  
(Sosis Terfermentasi)**

Nama :  
 Hari/Tanggal :  
 Pukul : WITA  
 Produk : *Urutan Ayam* (Sosis Terfermentasi)

Dihadapan saudara terdapat sampel *urutan ayam* (sosis terfermentasi),  
 ujilah bagaimana penerimaan keseluruhan berdasarkan spesifikasi secara umum.  
 Berilah tanda (✓) pada kolom dibawah ini sesuai dengan kode dan tingkat kesukaan  
 terhadap aroma *urutan ayam* (sosis terfermentasi).

Penilaian	Kode Sampel				
	P1	P2	P3	P4	P5
Gurih sedikit asam					
Agak gurih sedikit asam					
Tidak gurih sedikit asam					

Komentar :

.....  
 .....

**Lampiran 3. Formulir Uji Mutu Hedonik Terhadap Tekstur *Urutan* Ayam  
(Sosis Terfermentasi)**

Nama :  
 Hari/Tanggal :  
 Pukul : WITA  
 Produk : *Urutan* Ayam (Sosis Terfermentasi)

Dihadapan saudara terdapat sampel *urutan* ayam (sosis terfermentasi),  
 ujilah bagaimana penerimaan keseluruhan berdasarkan spesifikasi secara umum.  
 Berilah tanda (✓) pada kolom dibawah ini sesuai dengan kode dan tingkat kesukaan  
 terhadap tekstur *urutan* ayam (sosis terfermentasi).

Penilaian	Kode Sampel				
	P1	P2	P3	P4	P5
Padat					
Agak padat					
Lembek					

Komentar :  
 .....  
 .....

**Lampiran 4. Formulir Uji Mutu Hedonik Terhadap Rasa *Urutan* Ayam  
(Sosis Terfermentasi)**

Nama :  
 Hari/Tanggal :  
 Pukul : WITA  
 Produk : *Urutan* Ayam (Sosis Terfermentasi)

Dihadapan saudara terdapat sampel *urutan* ayam (sosis terfermentasi),  
 ujilah bagaimana penerimaan keseluruhan berdasarkan spesifikasi secara umum.  
 Berilah tanda (✓) pada kolom dibawah ini sesuai dengan kode dan tingkat kesukaan  
 terhadap rasa *urutan* ayam (sosis terfermentasi).

Penilaian	Kode Sampel				
	P1	P2	P3	P4	P5
Gurih					
Agak Asin					
Asin					

Komentar :  
 .....  
 .....

Lampiran 5. Dokumentasi Penelitian *Urutan Ayam* (Sosis Terfermentasi)



Bahan Bumbu dan *Urutan Ayam* (Sosis Terfermentasi)



Alat Bumbu dan *Urutan Ayam* (Sosis Terfermentasi)



Proses Penimbangan



Proses Pembuatan Bumbu



Proses Pembuatan *Urutan Ayam*



Sampel *Urutan Ayam* Uji Organoleptik dan Laboratorium



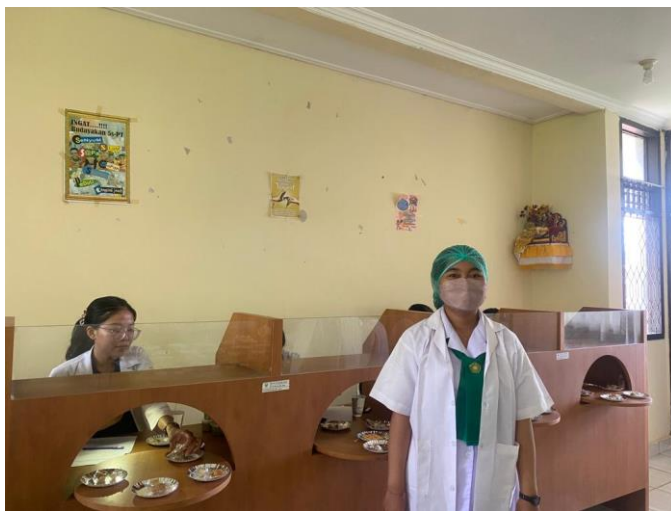
Penataan untuk Uji Organoleptik



Proses Persiapan Uji Organoleptik



Proses Pelaksanaan Uji Organoleptik



Pelaksanaan Uji Organoleptik



## Lampiran 6. Hasil Uji Analisis Zat Gizi



**KEMENTERIAN PENDIDIKAN, KEBUDAYAAN,  
RISET, DAN TEKNOLOGI  
UNIVERSITAS UDAYANA  
FAKULTAS TEKNOLOGI PERTANIAN  
LABORATORIUM PELAYANAN TERINTEGRASI**

Jln. Kampus Bukit Jimbaran, Badung – Bali  
Telepon : (0361) 701801, 701803; Fax : (0361) 701801  
Jln. P. B. Sudirman, Denpasar Telp. 0361-245010  
Laman : <https://labftp.unud.ac.id> | Email: [labftp@unud.ac.id](mailto:labftp@unud.ac.id)

Nomor : 039/UN.14.26/LAB.H.A/III/2022  
Lampiran : 1  
Perihal : Hasil Analisis Laboratorium

Kepada Yth.  
Bapak/Ibu/Sdr: Gusti Ayu Karisma deviartha  
Di –  
Tempat

Dengan hormat, bersama ini kami sampaikan hasil analisis sampel:

Nama Sampel : Urutan Ayam  
Jumlah : 15 Spl.

### HASIL ANALISIS

No	Kode Sampel	Kadar Air (%)	Kadar Abu (%bb)	Kadar Protein (%bb)	Kadar Lemak (%bb)	Kadar Karbohidrat (%bb)	Kalori (kkal)
1	P1U1	53,7028	3,3596	33,8859	8,2448	0,8068	212,9744
2	P2U1	52,6972	2,9412	35,9229	8,3396	0,0992	219,1449
3	P3U1	52,2577	3,3219	34,5330	6,3571	3,5302	209,4672
4	P4U1	54,5367	3,1669	34,8770	6,8638	0,5556	203,5045
5	P5U1	53,6318	3,2299	36,4649	6,3642	0,3092	204,3741
6	P1U2	50,1847	5,0648	34,0727	6,3305	4,3473	210,6545
7	P2U2	52,9936	3,2334	35,0789	5,7402	2,9539	203,7929
8	P3U2	55,3839	2,5988	32,5149	5,8391	3,6633	197,2650
9	P4U2	52,1456	4,0805	31,5530	5,5437	6,6773	202,8139
10	P5U2	52,5336	3,5879	32,3418	6,5393	4,9974	208,2103
11	P1U3	54,9815	2,0758	34,6918	8,1232	0,1277	212,3871
12	P2U3	53,0701	2,3301	36,2102	7,0312	1,3585	213,5553
13	P3U3	53,5355	3,0399	34,2723	8,6657	0,4867	217,0269
14	P4U3	52,5311	3,3403	35,5549	8,2860	0,2876	217,9445
15	P5U3	51,6718	3,5842	35,4090	8,7254	0,6096	222,6029

Demikian surat hasil analisis ini dibuat untuk dapat dipergunakan sebaik-baiknya.

Denpasar, 11 Maret 2022

Mengetahui,

Wakil Dekan I Bidang Akademik dan Perencanaan  
Kepala Laboratorium Pelayanan Terintegrasi



Prof. Dr. Ir. Y. Nengah Kencana Putra, M.S.  
NIP. 195704241986011001

## Lampiran 7. Analisis Statistik Uji Subjektif

### 1. Warna

Panelis	Perlakuan					Total	Total Kuadran Sampel
	P1	P2	P3	P4	P5		
1	4,7	2,0	1,3	4,7	3,0	15,7	245,44
2	4,3	4,7	5,0	5,0	3,7	22,7	513,78
3	4,3	4,3	4,3	1,3	4,0	18,3	336,11
4	3,0	5,0	4,3	1,7	4,7	18,7	348,44
5	1,0	4,0	2,0	2,7	2,7	12,3	152,11
6	2,0	3,0	3,0	2,0	3,7	13,7	186,78
7	2,3	1,3	1,0	3,0	4,0	11,7	136,11
8	5,0	4,0	5,0	4,3	5,0	23,3	544,44
9	4,0	3,0	4,0	1,0	4,7	16,7	277,78
10	2,0	1,0	2,0	5,0	3,0	13,0	169,00
11	4,0	5,0	5,0	4,0	5,0	23,0	529,00
12	2,0	1,3	1,0	3,0	3,0	10,3	106,78
13	1,0	2,0	3,7	4,0	4,0	14,7	215,11
14	5,0	4,0	4,7	1,0	1,0	15,7	245,44
15	2,0	3,3	1,0	4,7	4,0	15,0	225,00
16	2,3	1,3	3,0	1,3	3,0	11,0	121,00
17	1,0	2,7	4,0	3,0	3,0	13,7	186,78
18	3,7	2,0	1,0	1,7	4,0	12,3	152,11
19	2,0	2,0	2,0	3,0	1,3	10,3	106,78
20	4,0	1,0	3,0	1,0	2,0	11,0	121,00
21	3,0	3,0	2,0	5,0	4,0	17,0	289,00
22	1,0	1,7	1,0	4,3	5,0	13,0	169,00
23	5,0	4,3	4,0	1,0	1,0	15,3	235,11
24	4,0	4,0	3,0	2,0	2,0	15,0	225,00
25	1,3	1,0	3,3	3,0	4,0	12,7	160,44
26	1,7	2,7	2,0	3,0	3,0	12,3	152,11
27	3,0	3,3	4,0	4,0	2,0	16,3	266,78
28	4,3	2,0	4,7	2,0	3,0	16,0	256,00
29	1,0	1,0	4,0	3,7	3,7	13,3	177,78
30	1,7	4,7	1,7	1,3	1,7	11,0	121,00
<b>Total</b>	85,7	84,7	90,0	86,7	98,0	445,0	6971,2
<b>Rata-rata</b>	2,86	2,82	3,00	2,89	3,27	14,83	232,37

<b>Kuadrat Sampel</b>	8,1542	7,96494	9	8,34568	10,6711	220,028	53997,7
-----------------------	--------	---------	---	---------	---------	---------	---------

ANOVA		Sum of Squares	df	Mean Square	F	Sig.
WARNA	Between Groups	11.733	4	2.933	1.602	.173
	Within Groups	814.767	445	1.831		
	Total	826.500	449			

2. Aroma

Panelis	Perlakuan					Total	Total Kuadran Sampel
	P1	P2	P3	P4	P5		
1	5,0	3,0	3,0	2,3	1,0	14,3	205,44
2	4,7	4,7	2,7	3,0	3,0	18,0	324,00
3	2,0	3,3	1,0	3,0	1,0	10,3	106,78
4	5,0	5,0	3,7	4,0	4,0	21,7	469,44
5	4,3	3,0	3,0	3,0	3,0	16,3	266,78
6	5,0	3,3	3,0	3,0	4,0	18,3	336,11
7	4,0	5,0	1,0	1,0	3,0	14,0	196,00
8	5,0	4,0	4,0	4,0	3,7	20,7	427,11
9	5,0	3,7	4,0	4,0	4,0	20,7	427,11
10	4,0	4,0	2,0	3,0	3,0	16,0	256,00
11	3,0	5,0	1,0	4,0	3,0	16,0	256,00
12	4,0	3,0	2,7	3,0	3,3	16,0	256,00
13	5,0	1,0	3,0	1,0	2,0	12,0	144,00
14	3,0	3,0	3,3	2,0	3,0	14,3	205,44
15	3,0	2,0	3,0	3,0	1,0	12,0	144,00
16	1,3	1,0	1,0	3,0	1,0	7,3	53,78
17	3,0	3,0	4,0	4,0	3,0	17,0	289,00
18	5,0	3,0	3,0	3,0	2,0	16,0	256,00
19	4,0	5,0	4,0	4,0	5,0	22,0	484,00
20	2,0	3,0	1,0	1,0	2,0	9,0	81,00
21	5,0	4,0	5,0	3,0	3,0	20,0	400,00
22	4,0	1,0	1,0	1,0	2,7	9,7	93,44
23	5,0	3,0	4,0	2,0	4,0	18,0	324,00
24	3,0	1,0	3,0	1,7	3,0	11,7	136,11
25	5,0	4,0	1,0	1,0	2,0	13,0	169,00
26	1,0	3,0	2,0	3,0	1,0	10,0	100,00
27	3,3	1,0	3,0	4,0	4,0	15,3	235,11
28	2,0	3,0	1,0	1,0	2,0	9,0	81,00
29	2,3	2,7	2,0	2,0	1,0	10,0	100,00
30	5,0	3,0	3,7	3,7	3,3	18,7	348,44
<b>Total</b>	113,0	93,7	79,0	80,7	81,0	447,3	7171,11
<b>Rata-rata</b>	3,77	3,12	2,63	2,69	2,70	14,91	239,04
<b>Kuadrat Sampel</b>	14,1878	9,74827	6,93444	7,23012	7,29	222,341	57138,7

ANOVA		Sum of Squares	df	Mean Square	F	Sig.
AROMA	Between Groups	83.013	4	20.753	14.875	.000
	Within Groups	620.844	445	1.395		
	Total	703.858	449			

Dependent Variable	(I) Sampel	(J) Sampel	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval		
						Lower Bound	Upper Bound	
AROMA	LSD	P01	P02	.64444*	.17608	.000	.2984	.9905
			P03	1.13333*	.17608	.000	.7873	1.4794
			P04	1.07778*	.17608	.000	.7317	1.4238
			P05	1.06667*	.17608	.000	.7206	1.4127
		P02	P01	-.64444*	.17608	.000	-.9905	-.2984
			P03	.48889*	.17608	.000	.1428	.8349
			P04	.43333*	.17608	.000	.0873	.7794
			P05	.42222*	.17608	.000	.0762	.7683
		P03	P01	-1.13333*	.17608	.000	-1.4794	-.7873
			P02	-.48889*	.17608	.006	-.8349	-.1428
			P04	-.05556	.17608	.014	-.4016	.2905
			P05	-.06667	.17608	.017	-.4127	.2794
		P04	P01	-1.07778*	.17608	.000	-1.4238	-.7317
			P02	-.43333*	.17608	.000	-.7794	-.0873
			P03	.05556	.17608	.753	-.2905	.4016
			P05	-.01111	.17608	.950	-.3572	.3349
		P05	P01	-1.06667*	.17608	.000	-1.4127	-.7206
			P02	-.42222*	.17608	.017	-.7683	.0762
			P03	.06667	.17608	.705	-.2794	.4127
			P04	.01111	.17608	.950	-.3349	.3572

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

### 3. Tekstur

Panelis	Perlakuan					Total	Total Kuadran Sampel
	P1	P2	P3	P4	P5		
1	2,0	5,0	4,7	3,0	3,0	17,7	312,11
2	1,0	4,0	3,0	1,3	4,0	13,3	177,78
3	2,0	3,0	1,0	1,0	1,0	8,0	64,00
4	2,0	4,3	1,3	1,7	2,0	11,3	128,44
5	1,0	1,3	3,0	1,7	3,0	10,0	100,00
6	1,3	4,0	3,3	1,0	2,7	12,3	152,11
7	2,0	2,0	1,0	1,3	3,0	9,3	87,11
8	1,0	1,0	2,0	1,0	1,0	6,0	36,00
9	2,0	4,0	3,0	1,0	4,0	14,0	196,00
10	1,0	1,0	1,0	2,0	1,0	6,0	36,00
11	2,0	2,3	1,3	1,0	1,0	7,7	58,78
12	1,0	2,3	1,0	2,0	2,0	8,3	69,44
13	2,0	1,0	2,0	1,0	1,0	7,0	49,00
14	2,0	2,0	1,0	3,0	3,0	11,0	121,00
15	1,0	4,0	1,3	1,0	3,7	11,0	121,00
16	2,0	2,0	1,0	3,0	1,0	9,0	81,00
17	4,0	5,0	3,7	4,0	4,0	20,7	427,11
18	2,0	1,3	1,0	1,0	1,0	6,3	40,11
19	1,0	3,0	1,0	2,0	2,0	9,0	81,00
20	2,0	2,0	2,0	1,0	1,0	8,0	64,00
21	2,0	1,0	1,0	1,0	1,3	6,3	40,11
22	1,0	3,0	1,0	2,0	3,0	10,0	100,00
23	2,0	1,3	4,0	1,0	1,0	9,3	87,11
24	1,0	2,0	2,0	1,0	1,0	7,0	49,00
25	1,0	2,3	3,0	1,3	2,0	9,7	93,44
26	2,0	1,0	1,0	1,3	1,0	6,3	40,11
27	2,0	5,0	3,0	4,0	3,7	17,7	312,11
28	1,0	4,0	3,0	1,0	3,3	12,3	152,11
29	2,0	1,0	1,0	1,0	1,0	6,0	36,00
30	3,7	2,3	3,0	2,0	2,3	13,3	177,78
<b>Total</b>	52,0	77,7	60,7	49,7	64,0	304,0	3489,78
<b>Rata-rata</b>	1,73	2,59	2,02	1,66	2,13	10,13	116,33
<b>Kuadrat Sampel</b>	3,00444	6,70235	4,08938	2,74086	4,55111	102,684	13531,7

ANOVA		Sum of Squares	df	Mean Square	F	Sig.
TEKSTUR	Between Groups	49.613	4	12.403	10.695	.000
	Within Groups	516.067	445	1.160		
	Total	565.680	449			

Dependent Variable	(I) Sampel	(J) Sampel	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval		
						Lower Bound	Upper Bound	
TEKSTUR	LSD	P01	P02	-.85556*	.16053	.000	-1.1711	-.5401
			P03	-.28889	.16053	.073	-.6044	.0266
			P04	.07778	.16053	.628	-.2377	.3933
			P05	-.40000*	.16053	.013	-.7155	-.0845
		P02	P01	.85556*	.16053	.000	.5401	1.1711
			P03	.56667*	.16053	.000	.2512	.8822
			P04	.93333*	.16053	.000	.6178	1.2488
			P05	.45556*	.16053	.005	.1401	.7711
		P03	P01	.28889	.16053	.073	-.0266	.6044
			P02	-.56667*	.16053	.000	-.8822	-.2512
			P04	.36667	.16053	.023	.0512	.6822
			P05	-.11111	.16053	.489	-.4266	.2044
		P04	P01	-.07778	.16053	.628	-.3933	.2377
			P02	-.93333*	.16053	.000	-1.2488	-.6178
			P03	-.36667*	.16053	.023	-.6822	-.0512
			P05	-.47778*	.16053	.003	-.7933	-.1623
		P05	P01	.40000*	.16053	.013	.0845	.7155
			P02	-.45556*	.16053	.005	-.7711	-.1401
			P03	.11111	.16053	.489	-.2044	.4266
			P04	.47778*	.16053	.003	.1623	.7933

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

4. Rasa

Panelis	Perlakuan					Total	Total Kuadran Sampel
	P1	P2	P3	P4	P5		
1	3,3	5,0	2,7	2,0	2,7	15,7	245,44
2	4,0	5,0	3,0	1,0	1,0	14,0	196,00
3	1,0	4,3	1,0	1,3	1,0	8,7	75,11
4	4,0	5,0	3,0	3,0	1,3	16,3	266,78
5	4,0	2,0	1,0	3,0	2,0	12,0	144,00
6	4,7	5,0	4,0	4,0	3,0	20,7	427,11
7	4,0	3,7	3,3	1,0	1,0	13,0	169,00
8	5,0	5,0	5,0	3,0	3,0	21,0	441,00
9	4,0	4,0	3,3	1,0	1,0	13,3	177,78
10	4,0	5,0	4,0	1,0	2,0	16,0	256,00
11	2,0	5,0	3,0	3,0	3,0	16,0	256,00
12	4,0	4,3	1,0	1,0	1,0	11,3	128,44
13	5,0	5,0	3,0	3,0	2,0	18,0	324,00
14	1,0	5,0	1,3	2,7	3,0	13,0	169,00
15	3,0	2,0	2,0	1,0	1,0	9,0	81,00
16	4,0	4,0	1,0	2,0	3,0	14,0	196,00
17	5,0	5,0	3,0	3,0	3,0	19,0	361,00
18	5,0	5,0	3,0	3,0	2,0	18,0	324,00
19	4,0	5,0	4,0	1,0	3,7	17,7	312,11
20	1,3	3,3	4,0	2,0	3,0	13,7	186,78
21	4,0	4,0	4,0	3,0	1,0	16,0	256,00
22	5,0	5,0	3,0	4,0	4,0	21,0	441,00
23	4,0	5,0	3,0	1,0	1,0	14,0	196,00
24	4,0	4,3	1,0	1,0	1,0	11,3	128,44
25	5,0	5,0	2,0	3,0	4,0	19,0	361,00
26	2,3	1,3	3,0	4,0	1,0	11,7	136,11
27	1,0	4,0	3,0	3,7	2,0	13,7	186,78
28	2,0	4,0	1,0	1,0	3,0	11,0	121,00
29	1,3	3,3	4,0	1,0	1,0	10,7	113,78
30	4,0	5,0	4,3	3,7	3,3	20,3	413,44
<b>Total</b>	105,0	128,7	84,0	67,3	64,0	449,0	7090,11
<b>Rata-rata</b>	3,50	4,29	2,80	2,24	2,13	14,97	236,34
<b>Kuadrat Sampel</b>	12,25	18,3946	7,84	5,03753	4,55111	224,001	55855,20



ANOVA		Sum of Squares	df	Mean Square	F	Sig.
RASA	Between Groups	294.569	4	73.642	55.694	.000
	Within Groups	588.411	445	1.322		
	Total	882.980	449			

Dependent Variable	(I) Sampel	(J) Sampel	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval		
						Lower Bound	Upper Bound	
RASA	LSD	P01	P02	-.78889*	.17142	.000	-1.1258	-.4520
			P03	.70000*	.17142	.000	.3631	1.0369
			P04	1.25556*	.17142	.000	.9187	1.5924
			P05	1.36667*	.17142	.000	1.0298	1.7036
		P02	P01	.78889*	.17142	.000	.4520	1.1258
			P03	1.48889*	.17142	.000	1.1520	1.8258
			P04	2.04444*	.17142	.000	1.7076	2.3813
			P05	2.15556*	.17142	.000	1.8187	2.4924
		P03	P01	-.70000*	.17142	.000	-1.0369	-.3631
			P02	-1.48889*	.17142	.000	-1.8258	-1.1520
			P04	.55556*	.17142	.001	.2187	.8924
			P05	.66667*	.17142	.000	.3298	1.0036
		P04	P01	-1.25556*	.17142	.000	-1.5924	-.9187
			P02	-2.04444*	.17142	.000	-2.3813	-1.7076
			P03	-.55556*	.17142	.001	-.8924	-.2187
			P05	.11111	.17142	.517	-.2258	.4480
		P05	P01	-1.36667*	.17142	.000	-1.7036	-1.0298
			P02	-2.15556*	.17142	.000	-2.4924	-1.8187
			P03	-.66667*	.17142	.000	-1.0036	-.3298
			P04	-.11111	.17142	.517	-.4480	.2258

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

5. Penerimaan Keseluruhan

Panelis	Perlakuan					Total	Total Kuadran Sampel
	P1	P2	P3	P4	P5		
1	3,3	4,3	2,7	2,7	2,7	15,7	245,44
2	5,0	4,7	3,7	3,7	3,7	20,7	427,11
3	3,3	3,0	3,0	3,0	3,0	15,3	235,11
4	3,7	4,3	4,7	3,3	2,3	18,3	336,11
5	3,7	3,0	3,3	3,0	3,3	16,3	266,78
6	4,3	5,0	4,7	4,7	3,7	22,3	498,78
7	3,7	3,7	3,0	2,0	2,3	14,7	215,11
8	5,0	4,3	4,0	4,0	4,0	21,3	455,11
9	5,0	5,0	5,0	2,3	2,0	19,3	373,78
10	3,0	4,0	4,0	3,3	3,0	17,3	300,44
11	2,7	4,3	3,7	3,0	2,7	16,3	266,78
12	5,0	3,7	3,3	3,3	3,0	18,3	336,11
13	5,0	5,0	3,7	3,3	3,0	20,0	400,00
14	3,7	3,0	3,0	3,0	3,3	16,0	256,00
15	3,3	4,0	3,0	4,3	3,0	17,7	312,11
16	4,7	5,0	4,0	3,7	3,0	20,3	413,44
17	5,0	4,3	4,3	5,0	5,0	23,7	560,11
18	3,0	4,7	4,0	4,0	3,7	19,3	373,78
19	4,3	5,0	5,0	4,0	4,3	22,7	513,78
20	4,0	4,0	4,3	5,0	5,0	22,3	498,78
21	3,7	4,0	4,0	4,0	3,0	18,7	348,44
22	4,3	4,7	4,7	3,7	3,7	21,0	441,00
23	4,7	4,7	3,7	3,7	3,0	19,7	386,78
24	4,3	4,7	4,7	5,0	4,0	22,7	513,78
25	2,3	2,7	3,7	2,7	2,7	14,0	196,00
26	5,0	5,0	4,3	4,0	4,0	22,3	498,78
27	3,3	4,0	3,3	3,7	3,3	17,7	312,11
28	5,0	5,0	5,0	5,0	5,0	25,0	625,00
29	3,7	5,0	5,0	4,0	4,3	22,0	484,00
30	4,7	5,0	4,0	5,0	4,0	22,7	513,78
<b>Total</b>	121,7	129,0	118,7	111,3	103,0	583,7	11604,33
<b>Rata-rata</b>	4,06	4,30	3,96	3,71	3,43	19,46	386,81
<b>Kuadrat Sampel</b>	16,4475	18,49	15,6464	13,7723	11,7878	378,519	149622,8

ANOVA		Sum of Squares	df	Mean Square	F	Sig.
PENERIMAAN KESELURUHAN	Between Groups	39.631	4	9.908	12.178	.000
	Within Groups	362.033	445	.814		
	Total	401.664	449			

Dependent Variable		(I) Sampel	(J) Sampel	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
							Lower Bound	Upper Bound
PENERIMAAN KESELURUHAN	LSD	P01	P02	-.24444	.13446	.070	-.5087	.0198
			P03	.10000	.13446	.457	-.1643	.3643
			P04	.34444*	.13446	.011	.0802	.6087
			P05	.62222*	.13446	.000	.3580	.8865
		P02	P01	.24444	.13446	.070	-.0198	.5087
			P03	.34444*	.13446	.011	.0802	.6087
			P04	.58889*	.13446	.000	.3246	.8531
			P05	.86667*	.13446	.000	.6024	1.1309
		P03	P01	-.10000	.13446	.457	-.3643	.1643
			P02	-.34444*	.13446	.011	-.6087	-.0802
			P04	.24444	.13446	.070	-.0198	.5087
			P05	.52222*	.13446	.000	.2580	.7865
		P04	P01	-.34444*	.13446	.011	-.6087	-.0802
			P02	-.58889*	.13446	.000	-.8531	-.3246
			P03	-.24444	.13446	.070	-.5087	.0198
			P05	.27778*	.13446	.039	.0135	.5420
		P05	P01	-.62222*	.13446	.000	-.8865	-.3580
			P02	-.86667*	.13446	.000	-1.1309	-.6024
			P03	-.52222*	.13446	.008	-.7865	-.2580
			P04	-.27778*	.13446	.039	-.5420	-.0135

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

6. Mutu Aroma

Panelis	Perlakuan					Total	Total Kuadran Sampel
	P1	P2	P3	P4	P5		
1	2,3	1,7	2,0	1,7	1,0	8,7	75,11
2	3,0	2,7	2,0	2,0	2,0	11,7	136,11
3	1,3	1,3	1,7	1,3	1,3	7,0	49,00
4	1,7	1,7	2,0	2,3	2,0	9,7	93,44
5	2,0	2,0	2,0	2,0	2,0	10,0	100,00
6	2,0	2,0	2,0	1,7	2,0	9,7	93,44
7	2,7	2,3	1,7	2,3	2,0	11,0	121,00
8	3,0	3,0	3,0	3,0	3,0	15,0	225,00
9	3,0	2,7	3,0	3,0	3,0	14,7	215,11
10	2,7	2,0	1,0	1,3	1,3	8,3	69,44
11	1,7	2,3	1,7	1,7	1,3	8,7	75,11
12	3,0	2,0	2,0	2,0	2,0	11,0	121,00
13	2,3	1,7	2,0	1,3	1,3	8,7	75,11
14	2,0	2,0	2,0	1,7	2,3	10,0	100,00
15	2,7	2,0	2,0	2,3	1,0	10,0	100,00
16	1,0	1,0	1,3	1,7	1,3	6,3	40,11
17	1,7	2,3	1,3	2,7	2,3	10,3	106,78
18	1,7	2,0	2,3	2,3	2,0	10,3	106,78
19	2,7	2,7	2,0	2,7	2,3	12,3	152,11
20	1,0	2,0	1,3	1,3	1,3	7,0	49,00
21	2,7	2,7	2,7	2,7	2,3	13,0	169,00
22	3,0	1,7	1,0	2,3	2,0	10,0	100,00
23	3,0	2,0	1,7	2,0	1,7	10,3	106,78
24	2,0	1,7	2,3	1,0	1,7	8,7	75,11
25	2,0	1,7	1,7	2,0	1,3	8,7	75,11
26	1,0	1,3	1,7	1,3	1,0	6,3	40,11
27	2,3	2,3	2,3	2,0	2,7	11,7	136,11
28	1,0	1,7	1,3	1,7	2,0	7,7	58,78
29	1,0	1,3	1,0	1,3	1,7	6,3	40,11
30	2,7	2,0	2,3	2,7	2,7	12,3	152,11
<b>Total</b>	64,0	59,7	56,3	59,3	56,0	295,3	3056,9
<b>Rata-rata</b>	2,13	1,99	1,88	1,98	1,87	9,84	101,90
<b>Kuadrat Sampel</b>	4,55111	3,95568	3,52605	3,9116	3,48444	96,9131	10382,9

ANOVA		Sum of Squares	df	Mean Square	F	Sig.
MUTU AROMA	Between Groups	4.164	4	1.041	1.746	.139
	Within Groups	265.400	445	.596		
	Total	269.564	449			

7. Mutu Tekstur

Panelis	Perlakuan					Total	Total Kuadran Sampel
	P1	P2	P3	P4	P5		
1	3,0	2,0	1,7	2,7	1,3	10,7	113,78
2	3,0	2,3	2,3	2,7	2,0	12,3	152,11
3	3,0	2,3	2,7	3,0	2,3	13,3	177,78
4	3,0	2,7	3,0	3,0	3,0	14,7	215,11
5	2,3	2,7	2,7	2,7	2,0	12,3	152,11
6	2,7	2,0	2,7	3,0	2,0	12,3	152,11
7	3,0	3,0	2,3	2,7	1,7	12,7	160,44
8	3,0	3,0	3,0	3,0	3,0	15,0	225,00
9	3,0	2,7	2,0	3,0	2,0	12,7	160,44
10	3,0	3,0	3,0	3,0	2,3	14,3	205,44
11	3,0	2,3	2,3	3,0	2,7	13,3	177,78
12	3,0	3,0	3,0	3,0	2,0	14,0	196,00
13	3,0	3,0	3,0	3,0	3,0	15,0	225,00
14	2,0	2,7	2,3	2,3	2,0	11,3	128,44
15	3,0	1,3	2,0	2,7	1,0	10,0	100,00
16	3,0	3,0	3,0	2,0	2,3	13,3	177,78
17	1,0	1,0	1,0	1,0	1,3	5,3	28,44
18	3,0	2,7	2,3	3,0	2,3	13,3	177,78
19	2,0	1,7	3,0	2,7	3,0	12,3	152,11
20	3,0	3,0	3,0	3,0	3,0	15,0	225,00
21	3,0	2,7	3,0	3,0	3,0	14,7	215,11
22	3,0	2,0	2,0	2,3	2,3	11,7	136,11
23	3,0	2,3	2,0	2,3	2,3	12,0	144,00
24	3,0	3,0	2,0	2,7	2,7	13,3	177,78
25	3,0	2,7	1,7	2,7	2,7	12,7	160,44
26	3,0	2,7	3,0	3,0	2,7	14,3	205,44
27	2,3	1,0	1,3	1,7	1,0	7,3	53,78
28	3,0	2,3	2,3	3,0	2,0	12,7	160,44
29	3,0	2,7	3,0	3,0	3,0	14,7	215,11
30	2,3	2,0	2,0	2,3	3,0	11,7	136,11
<b>Total</b>	83,7	72,7	72,7	80,3	69,0	378,3	4907,00
<b>Rata-rata</b>	2,79	2,42	2,42	2,68	2,30	12,61	163,57
<b>Kuadrat Sampel</b>	7,777901	5,86716	5,86716	7,170494	5,29	159,0401	26754,05

ANOVA		Sum of Squares	df	Mean Square	F	Sig.
MUTU TEKSTUR	Between Groups	14.822	4	3.706	8.437	.000
	Within Groups	195.456	445	.439		
	Total	210.278	449			

Dependent Variable	(I) Sampel	(J) Sampel	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval		
						Lower Bound	Upper Bound	
MUTU TEKSTUR	LSD	P01	P02	.36667*	.09880	.000	.1725	.5608
			P03	.36667*	.09880	.000	.1725	.5608
			P04	.11111	.09880	.261	-.0831	.3053
			P05	.48889*	.09880	.000	.2947	.6831
		P02	P01	-.36667*	.09880	.000	-.5608	-.1725
			P03	.00000	.09880	1.000	-.1942	.1942
			P04	-.25556*	.09880	.010	-.4497	-.0614
			P05	.12222	.09880	.217	-.0719	.3164
		P03	P01	-.36667*	.09880	.000	-.5608	-.1725
			P02	.00000	.09880	1.000	-.1942	.1942
			P04	-.25556*	.09880	.010	-.4497	-.0614
			P05	.12222	.09880	.217	-.0719	.3164
		P04	P01	-.11111	.09880	.261	-.3053	.0831
			P02	.25556*	.09880	.010	.0614	.4497
			P03	.25556*	.09880	.010	.0614	.4497
			P05	.37778*	.09880	.000	.1836	.5719
		P05	P01	-.48889*	.09880	.000	-.6831	-.2947
			P02	-.12222	.09880	.217	-.3164	.0719
			P03	-.12222	.09880	.217	-.3164	.0719
			P04	-.37778*	.09880	.000	-.5719	-.1836
*. The mean difference is significant at the 0.05 level.								

8. Mutu Rasa

Panelis	Perlakuan					Total	Total Kuadran Sampel
	P1	P2	P3	P4	P5		
1	2,7	2,3	1,3	1,0	2,0	4,7	21,78
2	3,0	2,7	1,7	1,3	1,3	4,3	18,78
3	2,3	1,7	1,0	1,0	1,0	3,3	11,11
4	2,7	3,0	2,7	2,3	1,0	3,7	13,44
5	2,3	1,3	1,0	1,7	1,0	3,3	11,11
6	3,0	3,0	3,0	2,0	1,7	4,7	21,78
7	3,0	2,3	2,0	1,0	1,3	4,3	18,78
8	3,0	3,0	2,3	2,0	2,0	5,0	25,00
9	3,0	2,0	2,3	1,0	1,0	4,0	16,00
10	3,0	3,0	3,0	1,7	1,0	4,0	16,00
11	1,3	3,0	2,0	2,0	1,7	3,0	9,00
12	3,0	1,7	1,3	1,3	1,0	4,0	16,00
13	3,0	3,0	1,7	1,3	1,0	4,0	16,00
14	2,3	2,0	1,7	2,3	1,3	3,7	13,44
15	2,7	1,7	1,7	1,7	1,0	3,7	13,44
16	3,0	2,7	2,3	1,7	2,0	5,0	25,00
17	3,0	3,0	2,3	2,3	1,7	4,7	21,78
18	3,0	2,7	2,3	2,3	1,3	4,3	18,78
19	3,0	3,0	2,0	2,0	2,3	5,3	28,44
20	1,0	2,0	2,0	1,3	1,3	2,3	5,44
21	3,0	3,0	3,0	2,7	1,7	4,7	21,78
22	3,0	3,0	2,7	2,7	2,0	5,0	25,00
23	3,0	3,0	1,7	2,0	1,0	4,0	16,00
24	3,0	2,3	1,7	1,3	1,0	4,0	16,00
25	3,0	2,3	1,7	1,7	1,7	4,7	21,78
26	1,0	1,3	2,3	1,7	1,3	2,3	5,44
27	1,0	2,0	2,7	2,0	2,3	3,3	11,11
28	1,0	2,3	2,0	1,0	2,0	3,0	9,00
29	1,7	2,0	2,7	1,3	1,7	3,3	11,11
30	3,0	3,0	3,0	3,0	3,0	6,0	36,00
<b>Total</b>	76,0	73,3	63,0	52,7	45,7	121,7	514,3
<b>Rata-rata</b>	2,53	2,44	2,10	1,76	1,52	4,06	17,14
<b>Kuadrat Sampel</b>	6,41778	5,97531	4,41	3,08198	2,31716	16,4475	293,932



ANOVA		Sum of Squares	df	Mean Square	F	Sig.
MUTU RASA	Between Groups	67.924	4	16.981	31.512	.000
	Within Groups	239.800	445	.539		
	Total	307.724	449			

Dependent Variable	(I) Sampel	(J) Sampel	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval		
						Lower Bound	Upper Bound	
MUTU RASA	LSD	P01	P02	.08889	.10943	.417	-.1262	.3040
			P03	.43333*	.10943	.000	.2183	.6484
			P04	.77778*	.10943	.000	.5627	.9928
			P05	1.01111*	.10943	.000	.7960	1.2262
		P02	P01	-.08889	.10943	.417	-.3040	.1262
			P03	.34444*	.10943	.002	.1294	.5595
			P04	.68889*	.10943	.000	.4738	.9040
			P05	.92222*	.10943	.000	.7072	1.1373
		P03	P01	-.43333*	.10943	.000	-.6484	-.2183
			P02	-.34444*	.10943	.002	-.5595	-.1294
			P04	.34444*	.10943	.002	.1294	.5595
			P05	.57778*	.10943	.000	.3627	.7928
		P04	P01	-.77778*	.10943	.000	-.9928	-.5627
			P02	-.68889*	.10943	.000	-.9040	-.4738
			P03	-.34444*	.10943	.002	-.5595	-.1294
			P05	.23333*	.10943	.034	.0183	.4484
		P05	P01	-1.01111*	.10943	.000	-1.2262	-.7960
			P02	-.92222*	.10943	.000	-1.1373	-.7072
			P03	-.57778*	.10943	.000	-.7928	-.3627
			P04	-.23333*	.10943	.034	-.4484	-.0183

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

## Lampiran 8. Analisis Statistik Uji Objektif

### 1. Kadar Protein

ANOVA		Sum of Squares	df	Mean Square	F	Sig.
PROTEIN	Between Groups	7.350	4	1.838	.843	.529
	Within Groups	21.792	10	2.179		
	Total	29.142	14			

### 2. Kadar Lemak

ANOVA		Sum of Squares	df	Mean Square	F	Sig.
LEMAK	Between Groups	.876	4	.219	.126	.970
	Within Groups	17.402	10	1.740		
	Total	18.278	14			

### 3. Kadar Karbohidrat

ANOVA		Sum of Squares	df	Mean Square	F	Sig.
KARBOHIDRAT	Between Groups	2.679	4	.674	.111	.976
	Within Groups	60.760	10	6.076		
	Total	63.456	14			

### 4. Kadar Air

ANOVA		Sum of Squares	df	Mean Square	F	Sig.
KADAR AIR	Between Groups	2.010	4	5.685	.222	.920
	Within Groups	22.608	10	.356		
	Total	24.617	14			

5. KadarAbu

ANOVA		Sum of Squares	df	Mean Square	F	Sig.
KADAR ABU	Between Groups	1.204	4	.301	5.16	.726
	Within Groups	5.832	10	.583		
	Total	7.035	14			

## Lampiran 9. Surat Izin Penelitian



**KEMENTERIAN KESEHATAN REPUBLIK INDONESIA**  
**BADAN PENGEMBANGAN DAN PEMBERDAYAAN**  
**SUMBER DAYA MANUSIA KESEHATAN**  
POLITEKNIK KESEHATAN DENPASAR  
KOMISI ETIK PENELITIAN KESEHATAN (KEPK)  
Alamat : Jl. Sanitasi No 1 Sidakarya Denpasar Selatan  
Telp : (0361) 710447 Faximili : (0361) 710448  
Laman (website) : [www.poltekkes-denpasar.ac.id](http://www.poltekkes-denpasar.ac.id)



### PERSETUJUAN ETIK / ETHICAL APPROVAL

Nomor : LB.02.03/EA/KEPK/ 0704 /2021

Yang bertandatangan di bawah ini Ketua Komisi Etik Penelitian Kesehatan Poltekkes Denpasar, setelah dilaksanakan pembahasan dan penilaian, dengan ini memutuskan protokol penelitian yang berjudul :

PENGARUH KONSENTRASI GARAM TERHADAP KARAKTERISTIK URUTAN AYAM (SOSIS TERFERMENTASI)

dengan Ketua Pelaksana/Peneliti Utama :

GUSTI AYU KARISMA DEVIARTHA

**LAIK ETIK.** Persetujuan ini berlaku sejak tanggal ditetapkan sampai dengan batas waktu pelaksanaan penelitian seperti tertera dalam protokol dengan masa maksimum selama 1 (satu) tahun

Pada akhir penelitian, peneliti menyerahkan laporan akhir kepada KEPK-Poltekkes Denpasar. Dalam pelaksanaan penelitian, jika ada perubahan dan/atau perpanjangan penelitian, harus mengajukan kembali permohonan kaji etik penelitian (amandemen protokol)

Denpasar, 25 Nopember 2021

Ketua,



Dr. Agus Sri Lestari, S.ST., M.Erg



ບົດໜັງສືປະກາດ

PEMERINTAH PROVINSI BALI

ທຳນຳບັນເທົາລັດຖະບານທຳນຳບັນເທົາລັດ ທີ່ບັນຍາຍາດ

DINAS PENANAMAN MODAL DAN PELAYANAN TERPADU SATU PINTU

ຄະນະກຳມະການທຳນຳບັນຍາຍາດ (ບັນຍາຍາດ) ທຳນຳບັນຍາຍາດ (ບັນຍາຍາດ) ທຳນຳບັນຍາຍາດ

JALAN RAYA PUPUTAN NITI MANDALA (80235), TELEPON (0361)243804

WEBSITE: [www.dpmpptsp.baliprov.go.id](http://www.dpmpptsp.baliprov.go.id), Email: [dpmpptsp@baliprov.go.id](mailto:dpmpptsp@baliprov.go.id)

Nomor : B.30.070/4418.E/IZIN-C/DPMPPTSP

Lampiran

Lampiran : -

Hal : Surat Keterangan Penelitian / Rekomendasi Penelitian

Bali, 22 November 2021

Kepada

Yth. Walikota Denpasar

cq. Kepala Badan Kesbangpol Kota Denpasar  
di -

Tempat

I. Dasar

- Peraturan Gubernur Bali Nomor 63 Tahun 2019 tanggal 31 Desember 2019 Tentang Standar Pelayanan Perizinan Pada Dinas Penanaman Modal dan Pelayanan Terpadu Satu Pintu.
- Surat Permohonan dari Politeknik Kesehatan Denpasar Nomor PP.02.01/031/0942/2021, tanggal 02 November 2021, Perihal Permohonan Izin Penelitian.

II. Setelah mempelajari dan meneliti rencana kegiatan yang diajukan, maka dapat diberikan Rekomendasi kepada:

Nama : GUSTI AYU KARISMA DEVIARTHA

Pekerjaan : PELAJAR/MAHASISWA

Alamat : BR. DINAS BUDUK, DESA BENGKEL, KECAMATAN KEDIRI, TABANAN

Judul/bidang : PENGARUH KONSENTRASI GARAM TERHADAP KARAKTERISTIK URUTAN AYAM (SOSIS TERFERMENTASI)

Lokasi Penelitian : LABORATORIUM PANGAN JURUSAN GIZI POLTEKKES KEMENKES DENPASAR DAN LABORATORIUM ANALISIS PANGAN UNIVERSITAS UDAYANA

Jumlah Peserta : 1 Orang

Lama Penelitian : 2 Bulan (24 November 2021 - 31 Desember 2021)

III. Dalam melakukan kegiatan agar yang bersangkutan mematuhi ketentuan sebagai berikut :

- Sebelum melakukan kegiatan agar melaporkan kedatangannya kepada Bupati/Walikota setempat atau pejabat yang berwenang.
- Tidak dibenarkan melakukan kegiatan yang tidak ada kaitannya dengan bidang/judul Penelitian. Apabila melanggar ketentuan Surat Keterangan Penelitian / Rekomendasi Penelitian akan dicabut dihentikan segala kegiatannya.
- Mentaati segala ketentuan perundang-undangan yang berlaku serta mengindahkan adat istiadat dan budaya setempat.
- Apabila masa berlaku Surat Keterangan Penelitian / Rekomendasi Penelitian ini telah berakhir, sedangkan pelaksanaan kegiatan belum selesai, maka perpanjangan Surat Keterangan Penelitian / Rekomendasi Penelitian agar ditujukan kepada instansi pemohon.

IZIN INI DIKENAKAN  
TARIF RP 0,-

Ditandatangani secara elektronik oleh :  
a.n. GUBERNUR BALI  
KEPALA DINAS  
**Anak Agung Ngurah Oka Sutha Diana**  
NIP. 19631022 199108 1 001

Tembusan kepada Yth

- Gubernur Bali Sebagai Laporan
- Kepala Badan Kesatuan Bangsa dan Politik Provinsi Bali di Denpasar
- Yang Bersangkutan



Dokumen ini telah ditandatangani secara elektronik menggunakan sertifikat elektronik yang diterbitkan oleh BSRÉ

## SURAT PERNYATAAN PERSETUJUAN PUBLIKASI REPOSITORY

Saya yang bertanda tangan di bawah ini:

Nama : Gusti Ayu Karisma Deviartha  
NIM : P07131218028  
Program Studi : Sarjana Terapan Gizi dan Dietetika  
Jurusan : Gizi  
Tahun Akademik : 2021/2022  
Alamat : Br. Dinas Buduk, Desa Bengkel, Kediri, Tabanan  
Nomor HP/Email : 081939446400/[ayuudevii7@gmail.com](mailto:ayuudevii7@gmail.com)

Dengan ini menyerahkan skripsi berupa Tugas Akhir dengan Judul:

### **“PENGARUH KONSENTRASI GARAM DAPUR (NaCl) TERHADAP KARAKTERISTIK *URUTAN* AYAM (SOSIS TERFERMENTASI)”**

1. Dan Menyetujuinya menjadi hak milik Poltekkes Kemenkes Denpasar serta memberikan Hak Bebas Royalti Non-Eksklusif untuk disimpan, dialihkan mediakan, dikelola dalam pangkalan data dan dipublikasikannya di internet atau media lain untuk kepentingan akademis selama tetap mencantumkan nama penulis sebagai pemilik Hak Cipta.
2. Pernyataan ini saya buat dengan sungguh-sungguh. Apabila dikemudian hari terbukti ada pelanggaran Hak Cipta/Plagiarisme dalam karya ilmiah ini, maka segala tuntutan hukum yang timbul akan saya tanggung pribadi tanpa melibatkan pihak Poltekkes Kemenkes Denpasar.

Demikian surat pernyataan ini saya buat untuk dipergunakan sebagaimana mestinya.

Denpasar, 27 Juni 2022  
Yang menyatakan,



Gusti Ayu Karisma Deviartha  
NIM. P07131218028