Lampiran 1. Penghitungan *Total Plate Count* (TPC)

$$\text{N (cfu/ gram)} = \frac{\Sigma a}{(n1 + 0{,}1\ n2)d}$$

Keterangan :

∑ a = jumlah bakteri pada petridish

n1 = jumlah ulangan pada pengenceran pertama

n2 = jumlah ulangan pada pengenceran kedua

d = faktor pengenceran terendah

Lampiran 2. Penghitungan *Total Volatile Base* (TVB) dan *Trimethylamine* (TMA)

$$\text{TVB (mg/ 100g)} = \frac{14 \times (a + W) \times ml\ NaOH\ \ 0{,}01\ N(blanko - vol\ 1) \times N\ \ NaOH}{ml\ sampel} \times \frac{100}{b}$$

$$\text{TMA (mg/ 100g)} = \frac{14 \times (a + W) \times ml\ NaOH\ \ 0{,}01\ N(vol\ 2) \times N\ \ NaOH}{ml\ sampel} \times \frac{100}{b}$$

Keterangan :

a = ml TCA yang ditambahkan (30 ml)

W = berat air dalam sampel (gram)

b = berat sampel yang diuji

Lampiran 3. *Scoresheet* Untuk Evaluasi Sensori Ikan Pindang

SCORESHEET ORGANOLEPTIK IKAN PINDANG

Jenis Produk :……..

Nama :……
Tanggal :……

Cantumkan kode contoh pada kolom yang tersedia sebelum melakukan pengujian. Berilah tanda V pada nilai yang dipilih sesuai kode contoh yang diuji.

SPESIFIKASI	NILAI	Kode contoh		
I. KENAMPAKAN				
Utuh, bersih, rapi, sangat menarik	9			
Utuh, bersih, rapi, menarik	8			
Utuh, bersih, kurang rapi, menarik	7			
Utuh, bersih, kurang rapi, agak menarik	6			
Utuh, kurang bersih	5			
Tidak utuh, agak kotor	4			
Tidak utuh, kurang menarik, kotor	3			
Hancur, kurang menarik, kotor	1			
II. BAU				
Harum, segar, spesifik jenis	9			
Sangat enak, segar, harum	8			
Hampir netral	7			
Netral	6			
Agak tengik, tidak basi	5			
Agak tengik, basi	4			
Tengik, agak busuk	3			
Busuk	1			

III. KONSINTENSI				
Padat, kompak, lentur, cukup lembab	9			
Padat, kompak, agak lembab	8			
Padat, kompak	7			
Kurang kompak, lembab	6			
Agak berair, mulai agak rapuh	5			
Berair, mudah terurai	3			
Berair, basah, membusuk	1			
IV. LENDIR				
Tidak berlendir	9			
Lendir tipis, tidak jelas, tidak berbau	7			
Lendir tipis sekali, tidak berbau	6			
Lendir mulai kental, bau sedikit asam	5			
Berlendir, basi	3			
Berlendir, busuk	1			
V. JAMUR				
Tidak ada/ tidak tampak	9			
Ada/ tampak	1			

Lampiran 4. Standar Nasional Indonesia (SNI) Ikan Bandeng Duri Lunak

Ikan Bandeng Presto adalah produk yang diolah dari ikan bandeng yang mengalami perlakuan sebagai berikut: pencucian, pembuangan insang dan isi perut, pembelahan atau tanpa pembelahan, penambahan bumbu, pengukusan pada suhu dan tekanan tinggi sehingga tulang dan durnya menjadi lunak. Persyaratan yang harus dipenuhi adalah sebagai berikut:

Jenis Uji	Satuan	Persyaratan Mutu
a. Organoleptik		
- Nilai minimum		7
b. Cemaran Mikroba		
- ALT, maks	Koloni/ gram	2×10^5
- Eschericia coli	APM/ gram	< 3
- Vibrio cholerae	Per 25 gram	negatif
- Salmonella	Per 25 gram	negatif

Keterangan :

ALT = Angka Lempeng Total

APM = Angka Paling Memungkinkan

Lampiran 5. Analisa Statistik Untuk Pengujian Secara Mikrobiologis

a. Hasil pengujian normalitas TPC

Tests of Normality

		Kolmogorov-Smirnov[a]			Shapiro-Wilk		
	HARI	Statistic	df	Sig.	Statistic	df	Sig.
AEROBIK	0	.223	9	.200*	.841	9	.070
	3	.181	9	.200*	.908	9	.359
	6	.191	9	.200*	.892	9	.273
	9	.212	9	.200*	.867	9	.140
	12	.199	9	.200*	.883	9	.224
ANAEROB	0	.266	9	.066	.852	9	.089
	3	.236	9	.160	.895	9	.290
	6	.217	9	.200*	.923	9	.436
	9	.194	9	.200*	.934	9	.493
	12	.240	9	.144	.940	9	.549
TOTALOG	0	.218	9	.200*	.936	9	.515
	3	.223	9	.200*	.841	9	.070
	6	.154	9	.200*	.967	9	.849
	9	.139	9	.200*	.972	9	.902
	12	.180	9	.200*	.939	9	.542

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

a. Lilliefors Significance Correction

b. Nilai rata–rata dan standar deviasi TPC berdasarkan jenis kemasan

AEROBIK ANAEROB TOTALOG * JENIS

JENIS		AEROBIK	ANAEROB	TOTALOG
PE	Mean	4.7800	5.0607	5.3320
	N	15	15	15
	Std. Deviation	.2935	.3606	8.571E-02
PA	Mean	4.6340	5.0839	5.3178
	N	15	15	15
	Std. Deviation	.3693	.3631	7.547E-02
AL	Mean	4.4393	5.0927	5.3046
	N	15	15	15
	Std. Deviation	.4612	.3649	6.853E-02

c. Nilai rata–rata dan standar deviasi TPC berdasarkan waktu simpan

AEROBIK ANAEROB TOTALOG * HARI

HARI		AEROBIK	ANAEROB	TOTALOG
0	Mean	5.1311	4.4200	5.2152
	N	9	9	9
	Std. Deviation	7.817E-03	1.803E-02	1.233E-02
3	Mean	4.8400	5.0489	5.2689
	N	9	9	9
	Std. Deviation	.1168	6.373E-02	7.817E-03
6	Mean	4.5744	5.2144	5.3122
	N	9	9	9
	Std. Deviation	.2106	1.333E-02	3.032E-02
9	Mean	4.4778	5.3109	5.3733
	N	9	9	9
	Std. Deviation	.2292	1.352E-02	1.581E-02
12	Mean	4.0656	5.4011	5.4211
	N	9	9	9
	Std. Deviation	.2032	1.167E-02	1.764E-02

d. Nilai rata–rata dan standar deviasi TPC berdasarkan jenis kemasan dan waktu simpan

Descriptive Statistics

	HARI	JENIS	Mean	Std. Deviation	N
AEROBIK	0	PE	5.1300	1.000E-02	3
		PA	5.1267	5.774E-03	3
		AL	5.1367	5.774E-03	3
	3	PE	4.9700	1.000E-02	3
		PA	4.8467	1.155E-02	3
		AL	4.7033	3.055E-02	3
	6	PE	4.8033	5.774E-03	3
		PA	4.5967	3.055E-02	3
		AL	4.3233	5.033E-02	3
	9	PE	4.7000	6.245E-02	3
		PA	4.5400	6.928E-02	3
		AL	4.1933	1.528E-02	3
	12	PE	4.2967	5.774E-03	3
		PA	4.0600	8.544E-02	3
		AL	3.8400	3.606E-02	3
ANAEROB	0	PE	4.4267	1.528E-02	3
		PA	4.4200	1.732E-02	3
		AL	4.4133	2.517E-02	3
	3	PE	4.9700	1.000E-02	3
		PA	5.0633	5.774E-03	3
		AL	5.1133	1.528E-02	3
	6	PE	5.2000	1.000E-02	3
		PA	5.2200	1.000E-02	3
		AL	5.2233	5.774E-03	3
	9	PE	5.3000	1.000E-02	3
		PA	5.3095	9.229E-03	3
		AL	5.3233	1.155E-02	3
	12	PE	5.4067	5.774E-03	3
		PA	5.4067	1.155E-02	3
		AL	5.3900	1.000E-02	3
TOTALOG	0	PE	5.2067	5.774E-03	3
		PA	5.2157	1.409E-02	3
		AL	5.2231	1.312E-02	3
	3	PE	5.2767	5.774E-03	3
		PA	5.2700	.0000	3
		AL	5.2600	.0000	3
	6	PE	5.3467	1.155E-02	3
		PA	5.3100	1.000E-02	3
		AL	5.2800	1.000E-02	3
	9	PE	5.3900	1.000E-02	3
		PA	5.3733	5.774E-03	3
		AL	5.3567	5.774E-03	3
	12	PE	5.4400	1.000E-02	3
		PA	5.4200	1.000E-02	3
		AL	5.4033	5.774E-03	3

e. Hasil pengujian mikrobiologis dengan menggunakan *Two Way* ANOVA

Tests of Between-Subjects Effects

Source	Dependent Variable	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	AEROBIK	6.924[a]	14	.495	331.195	.000
	ANAEROB	5.534[b]	14	.395	2521.169	.000
	TOTALOG	.252[c]	14	1.797E-02	230.288	.000
Intercept	AEROBIK	959.574	1	959.574	642572.0	.000
	ANAEROB	1160.866	1	1160.866	7403963	.000
	TOTALOG	1272.720	1	1272.720	1.6E+07	.000
HARI	AEROBIK	5.754	4	1.438	963.263	.000
	ANAEROB	5.500	4	1.375	8769.306	.000
	TOTALOG	.240	4	6.010E-02	770.106	.000
JENIS	AEROBIK	.876	2	.438	293.412	.000
	ANAEROB	8.203E-03	2	4.101E-03	26.158	.000
	TOTALOG	5.624E-03	2	2.812E-03	36.028	.000
HARI * JENIS	AEROBIK	.294	8	3.675E-02	24.606	.000
	ANAEROB	2.616E-02	8	3.270E-03	20.854	.000
	TOTALOG	5.584E-03	8	6.980E-04	8.943	.000
Error	AEROBIK	4.480E-02	30	1.493E-03		
	ANAEROB	4.704E-03	30	1.568E-04		
	TOTALOG	2.341E-03	30	7.804E-05		
Total	AEROBIK	966.543	45			
	ANAEROB	1166.405	45			
	TOTALOG	1272.974	45			
Corrected Total	AEROBIK	6.969	44			
	ANAEROB	5.539	44			
	TOTALOG	.254	44			

a. R Squared = .994 (Adjusted R Squared = .991)

b. R Squared = .999 (Adjusted R Squared = .999)

c. R Squared = .991 (Adjusted R Squared = .986)

Lampiran 6. Analisa Statistik Untuk Pengujian Secara Kimiawi

a. Hasil pengujian normalitas TVB, TMA, dan pH

Tests of Normality

		Kolmogorov-Smirnov[a]			Shapiro-Wilk		
	HARI	Statistic	df	Sig.	Statistic	df	Sig.
TVB	0	.193	18	.075	.905	18	.075
	3	.168	18	.195	.939	18	.342
	6	.193	18	.074	.935	18	.304
	9	.127	18	.200*	.952	18	.463
	12	.161	18	.200*	.939	18	.341
TMA	0	.189	18	.089	.914	18	.100
	3	.166	18	.200*	.949	18	.429
	6	.110	18	.200*	.970	18	.756
	9	.089	18	.200*	.963	18	.624
	12	.171	18	.177	.956	18	.505
PH	0	.123	18	.200*	.967	18	.696
	3	.151	18	.200*	.930	18	.257
	6	.202	18	.051	.906	18	.076
	9	.152	18	.200*	.923	18	.190
	12	.117	18	.200*	.968	18	.716

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

a. Lilliefors Significance Correction

b. Nilai rata–rata dan standar deviasi TVB, TMA, dan pH berdasarkan jenis kemasan

TVB TMA PH * JENIS

JENIS		TVB	TMA	PH
PE	Mean	50.1850	8.2149	6.4677
	N	30	30	30
	Std. Deviation	32.2005	3.8745	.3230
PA	Mean	45.9905	7.8488	6.2923
	N	30	30	30
	Std. Deviation	29.6792	3.5897	.2760
AL	Mean	37.5037	7.4060	6.2373
	N	30	30	30
	Std. Deviation	26.7312	3.5657	.2295

c. Nilai rata–rata dan standar deviasi TVB, TMA, dan pH berdasarkan waktu simpan

TVB TMA PH * HARI

HARI		TVB	TMA	PH
0	Mean	4.5726	2.3256	5.9294
	N	18	18	18
	Std. Deviation	.9084	.3097	6.557E-02
3	Mean	24.2767	5.0389	6.1833
	N	18	18	18
	Std. Deviation	5.8487	.6331	.1744
6	Mean	42.1144	9.0789	6.3433
	N	18	18	18
	Std. Deviation	8.6167	.3401	.1520
9	Mean	66.3944	10.9656	6.5450
	N	18	18	18
	Std. Deviation	6.4378	.5801	.1370
12	Mean	85.4406	11.7072	6.6611
	N	18	18	18
	Std. Deviation	8.8117	.7759	.1201

d. Nilai rata–rata dan standar deviasi TVB, TMA, dan pH berdasarkan jenis kemasan dan waktu simpan

Descriptive Statistics

	HARI	JENIS	Mean	Std. Deviation	N
TVB	0	PE	4.1717	.7835	6
		PA	5.0345	.8661	6
		AL	4.5117	.9941	6
	3	PE	30.0750	2.0442	6
		PA	25.5267	1.3114	6
		AL	17.2283	2.9278	6
	6	PE	49.6550	3.8465	6
		PA	45.1864	2.5007	6
		AL	31.5017	4.0839	6
	9	PE	72.6983	2.7180	6
		PA	67.1967	4.1877	6
		AL	59.2883	2.6336	6
	12	PE	94.3250	3.7868	6
		PA	87.0083	2.8156	6
		AL	74.9883	3.6003	6
TMA	0	PE	2.3028	.2795	6
		PA	2.4025	.2783	6
		AL	2.2717	.3993	6
	3	PE	5.5633	.3345	6
		PA	5.2683	.3121	6
		AL	4.2850	.2798	6
	6	PE	9.2550	.3144	6
		PA	9.0333	.4373	6
		AL	8.9483	.2074	6
	9	PE	11.5183	.4402	6
		PA	10.7633	.4877	6
		AL	10.6150	.3864	6
	12	PE	12.4350	.6627	6
		PA	11.7767	.3976	6
		AL	10.9100	.2138	6
PH	0	PE	5.9167	6.121E-02	6
		PA	5.9233	5.354E-02	6
		AL	5.9483	8.565E-02	6
	3	PE	6.3967	9.070E-02	6
		PA	6.0900	5.514E-02	6
		AL	6.0633	9.913E-02	6
	6	PE	6.5250	.1080	6
		PA	6.2817	3.125E-02	6
		AL	6.2233	6.653E-02	6
	9	PE	6.7033	9.480E-02	6
		PA	6.5083	6.555E-02	6
		AL	6.4233	3.204E-02	6
	12	PE	6.7967	6.5450	.1370
		PA	6.6583	3.430E-02	6
		AL	6.5283	5.345E-02	6

e. Hasil pengujian kimiawi dengan menggunakan *Two Way* ANOVA

Tests of Between-Subjects Effects

Source	Dependent Variable	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	TVB	78232.425[a]	14	5588.030	689.089	.000
	TMA	1176.791[b]	14	84.057	583.839	.000
	PH	7.269[c]	14	.519	107.801	.000
Intercept	TVB	178701.208	1	178701.208	22036.574	.000
	TMA	5508.277	1	5508.277	38259.358	.000
	PH	3608.987	1	3608.987	749305.2	.000
HARI	TVB	74958.300	4	18739.575	2310.874	.000
	TMA	1161.222	4	290.305	2016.402	.000
	PH	6.083	4	1.521	315.759	.000
JENIS	TVB	2504.364	2	1252.182	154.413	.000
	TMA	9.844	2	4.922	34.187	.000
	PH	.868	2	.434	90.129	.000
HARI * JENIS	TVB	769.761	8	96.220	11.865	.000
	TMA	5.726	8	.716	4.971	.000
	PH	.317	8	3.969E-02	8.240	.000
Error	TVB	608.198	75	8.109		
	TMA	10.798	75	.144		
	PH	.361	75	4.816E-03		
Total	TVB	257541.830	90			
	TMA	6695.866	90			
	PH	3616.617	90			
Corrected Total	TVB	78840.622	89			
	TMA	1187.589	89			
	PH	7.630	89			

a. R Squared = .992 (Adjusted R Squared = .991)

b. R Squared = .991 (Adjusted R Squared = .989)

c. R Squared = .953 (Adjusted R Squared = .944)

Lampiran 7. Analisa Statistik Untuk Evaluasi Sensori

a. Hasil pengujian normalitas evaluasi sensori

Tests of Normality

	HARI	Kolmogorov-Smirnov[a] Statistic	df	Sig.	Shapiro-Wilk Statistic	df	Sig.
PE	0	.201	5	.200*	.853	5	.256
	3	.327	5	.085	.762	5	.050
	6	.242	5	.200*	.965	5	.792
	9	.206	5	.200*	.919	5	.473
	12	.302	5	.152	.882	5	.352
PA	0	.253	5	.200*	.724	5	.026
	3	.340	5	.060	.751	5	.043
	6	.305	5	.146	.755	5	.045
	9	.190	5	.200*	.979	5	.898
	12	.197	5	.200*	.893	5	.386
AL	0	.253	5	.200*	.724	5	.026
	3	.298	5	.169	.805	5	.099
	6	.328	5	.085	.738	5	.035
	9	.219	5	.200*	.870	5	.311
	12	.169	5	.200*	.983	5	.929

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

a. Lilliefors Significance Correction

b. Hasil pengujian beda nyata evaluasi sensori

ANOVA

		Sum of Squares	df	Mean Square	F	Sig.
PE	Between Groups	74.833	4	18.708	64.265	.000
	Within Groups	5.822	20	.291		
	Total	80.655	24			
PA	Between Groups	64.182	4	16.046	69.101	.000
	Within Groups	4.644	20	.232		
	Total	68.826	24			
AL	Between Groups	39.440	4	9.860	40.793	.000
	Within Groups	4.834	20	.242		
	Total	44.274	24			

c. Hasil pengujian evaluasi sensori dengan menggunakan *One Way* ANOVA

Descriptives

		N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
						Lower Bound	Upper Bound		
PE	0	5	8.9060	.1124	5.026E-02	8.7665	9.0455	8.73	9.00
	3	5	7.6400	.8431	.3771	6.5931	8.6869	7.07	9.00
	6	5	6.0098	.4143	.1853	5.4954	6.5243	5.53	6.65
	9	5	5.0297	.3713	.1660	4.5687	5.4907	4.60	5.53
	12	5	4.1340	.6500	.2907	3.3269	4.9411	3.53	5.21
	Total	25	6.3439	1.8332	.3666	5.5872	7.1006	3.53	9.00
PA	0	5	8.9060	.1009	4.512E-02	8.7807	9.0313	8.80	9.00
	3	5	7.8000	.8249	.3689	6.7758	8.8242	7.20	9.00
	6	5	6.3336	.3151	.1409	5.9424	6.7248	6.13	6.88
	9	5	5.4409	.2995	.1339	5.0691	5.8128	5.07	5.87
	12	5	4.4400	.5305	.2373	3.7813	5.0987	3.87	5.13
	Total	25	6.5841	1.6934	.3387	5.8851	7.2831	3.87	9.00
AL	0	5	8.9060	.1009	4.512E-02	8.7807	9.0313	8.80	9.00
	3	5	8.0400	.7145	.3195	7.1529	8.9271	7.40	9.00
	6	5	7.5860	.8102	.3623	6.5800	8.5920	7.07	9.00
	9	5	6.3534	.1277	5.712E-02	6.1948	6.5120	6.20	6.50
	12	5	5.3514	.1231	5.505E-02	5.1985	5.5042	5.20	5.53
	Total	25	7.2474	1.3582	.2716	6.6867	7.8080	5.20	9.00

Lampiran 8. Data Mentah Untuk *Total Plate Count* (TPC) Aerobik

Jenis Kemasan	Waktu (hari)	Ulangan Sampel	TPC (cfu/ gram)	Log TPC
Polietilen Tereptalat (PET)/ *Linear Low Density Polyetylene* (LLDPE)	0	1	134545	5.13
		2	132717	5.12
		3	137273	5.14
	3	1	95755	4.98
		2	92727	4.97
		3	90909	4.96
	6	1	63636	4.80
		2	63636	4.80
		3	64091	4.81
	9	1	42727	4.63
		2	56818	4.75
		3	52273	4.72
	12	1	20091	4.30
		2	19864	4.30
		3	19636	4.29
Polyamida (PA)	0	1	135000	4.41
		2	130909	4.44
		3	135909	4.41
	3	1	72727	4.84
		2	68636	4.84
		3	68636	4.67
	6	1	42273	4.63
		2	38636	4.59
		3	36818	4.57
	9	1	41818	4.50
		2	31364	4.50
		3	31818	4.21
	12	1	9591	3.98
		2	14045	4.15
		3	11227	4.05
Polietilen Tereptalat (PET)/ Aluminium (Al)/ *Linear Low Density Polyetylene* (LLDPE)	0	1	138182	4.41
		2	135909	4.44
		3	136818	4.39
	3	1	46818	4.67
		2	51818	4.71
		3	54091	4.73
	6	1	18636	4.27
		2	23636	4.37
		3	21364	4.33
	9	1	16364	4.21
		2	15455	4.19
		3	15000	4.18
	12	1	7500	3.88
		2	6500	3.81
		3	6818	3.83

Lampiran 9. Data Mentah Untuk *Total Plate Count* (TPC) Anaerobik

Jenis Kemasan	Waktu (hari)	Ulangan Sampel	TPC (cfu/ gram)	Log TPC
Polietilen Tereptalat (PET)/ *Linear Low Density Polyetylene* (LLDPE)	0	1	25909	4.41
		2	27727	4.44
		3	23636	4.37
	3	1	94091	4.97
		2	98636	4.99
		3	96364	4.98
	6	1	156364	5.19
		2	156818	5.20
		3	163182	5.21
	9	1	198182	5.30
		2	194091	5.29
		3	195000	5.29
	12	1	250000	5.40
		2	259091	5.41
		3	254545	5.41
Polyamida (PA)	0	1	25909	4.41
		2	27727	4.44
		3	25455	4.41
	3	1	115000	5.06
		2	115909	5.06
		3	118182	5.07
	6	1	163636	5.21
		2	170000	5.23
		3	164545	5.22
	9	1	197273	5.30
		2	202727	5.31
		3	204091	5.31
	12	1	250000	5.40
		2	254545	5.41
		3	250000	5.40
Polietilen Tereptalat (PET)/ Aluminium (Al)/ *Linear Low Density Polyetylene* (LLDPE)	0	1	138182	4.41
		2	135909	4.44
		3	136818	4.39
	3	1	134091	5.13
		2	128636	5.11
		3	127273	5.10
	6	1	166818	5.22
		2	171364	5.23
		3	167727	5.22
	9	1	206364	5.31
		2	211364	5.33
		3	213636	5.33
	12	1	240909	5.38
		2	250000	5.40
		3	245455	5.39

Lampiran 10. Data Mentah Untuk *Total Plate Count* (TPC) Aerobik dan Anaerobik

Jenis Kemasan	Waktu (hari)	Ulangan Sampel	TPC (cfu/ gram)	Log TPC
Polietilen Tereptalat (PET)/ *Linear Low Density Polyetylene* (LLDPE)	0	1	160455	5.21
		2	160455	5.21
		3	160909	5.21
	3	1	189545	5.28
		2	191364	5.28
		3	187273	5.27
	6	1	220000	5.34
		2	220455	5.34
		3	227273	5.36
	9	1	240909	5.38
		2	250909	5.40
		3	247273	5.39
	12	1	248409	5.43
		2	2566500	5.45
		3	252273	5.44
Polyamida (PA)	0	1	160303	5.20
		2	158636	5.21
		3	161364	5.21
	3	1	187727	5.27
		2	184545	5.27
		3	186818	5.27
	6	1	205909	5.31
		2	208636	5.32
		3	201364	5.30
	9	1	197273	5.38
		2	202727	5.37
		3	204091	5.37
	12	1	259591	5.41
		2	268591	5.43
		3	261227	5.42
Polietilen Tereptalat (PET)/ Aluminium (Al)/ *Linear Low Density Polyetylene* (LLDPE)	0	1	163636	5.21
		2	163182	5.21
		3	161364	5.21
	3	1	180909	5.13
		2	180455	5.11
		3	181364	5.10
	6	1	185455	5.27
		2	195000	5.29
		3	189091	5.28
	9	1	222727	5.35
		2	226818	5.36
		3	228636	5.36
	12	1	248409	5.40
		2	256500	5.41
		3	252273	5.40

Lampiran 11. Data Mentah Untuk Kandungan *Total Volatile Base* (TVB) *Ttrimethylamine* (TMA)

Jenis Kemasan	Waktu (hari)	Ulangan Sampel	Ulangan	TVB (mg/ 100g)	TMA (mg/100g)
Polietilen Tereptalat (PET)/ *Linear Low Density Polyetylene* (LLDPE)	0	1	1	3.837	2.110
			2	4.772	2.195
		2	1	4.820	2.603
			2	3.854	5.698
		3	1	4.850	2.037
			2	2.900	2.224
	3	1	1	30.558	5.443
			2	27.674	5.630
		2	1	31.883	5.700
			2	32.836	6.084
		3	1	29.234	5.067
			2	28.268	5.459
	6	1	1	46.691	9.624
			2	50.742	9.383
		2	1	54.856	9.528
			2	53.089	9.170
		3	1	47.345	8.793
			2	45.206	9.041
	9	1	1	73.433	11.69
			2	70.890	11.26
		2	1	74.840	11.95
			2	16.538	12.03
		3	1	69.312	11.26
			2	71.185	10.92
	12	1	1	93.006	12.18
			2	92.296	12.88
		2	1	96.542	12.58
			2	98.580	13.37
		3	1	97.129	12.14
			2	88.416	11.46
Polyamida (PA)	0	1	1	4.792	2.108
			2	4.764	2.096
		2	1	5.780	2.119
			2	5.793	2.510
		3	1	3.850	2.599
			2	5.770	2.789
	3	1	1	26.131	5.129
			2	25.741	4.958
		2	1	26.021	5.686
			2	25.114	5.409
		3	1	23.164	5.502
			2	27.004	4.919

	6	1	1	47.097	8.831
			2	43.898	8.303
		2	1	47.553	9.025
			2	48.683	9.250
		3	1	44.971	9.581
			2	44.077	9.207
	9	1	1	68.288	11.35
			2	67.175	10.62
		2	1	64.169	10.99
			2	60.843	10.11
		3	1	70.249	11.16
			2	72.451	10.32
	12	1	1	87.066	11.48
			2	86.681	12.10
		2	1	86.540	11.44
			2	89.630	11.85
		3	1	89.983	11.42
			2	82.152	12.37
Polietilen Tereptalat (PET)/ Aluminium (Al)/ *Linear Low Density Polyetylene* (LLDPE)	0	1	1	4.838	2.903
			2	4.834	2.030
		2	1	2.906	1.937
			2	4.816	2.215
		3	1	5.797	2.609
			2	3.869	1.934
	3	1	1	18.271	3.943
			2	22.182	4.244
		2	1	17.438	4.456
			2	16.442	4.546
		3	1	15.496	3.971
			2	13.543	4.547
	6	1	1	33.500	9.093
			2	34.784	8.793
		2	1	36.067	9.163
			2	31.344	8.620
		3	1	27.324	9.075
			2	25.996	8.954
	9	1	1	62.286	11.19
			2	60.184	10.70
		2	1	55.490	10.32
			2	57.695	10.07
		3	1	58.191	10.77
			2	61.881	10.64
	12	1	1	75.491	11.18
			2	78.711	10.75
		2	1	72.469	11.11
			2	71.473	10.91
		3	1	79.794	10.90
			2	71.998	10.61

Lampiran 12. Data Mentah Untuk Nilai pH

Jenis Kemasan	Waktu (hari)	Ulangan Sampel	Ulangan	pH
Polietilen Tereptalat (PET)/ *Linear Low Density Polyetylene* (LLDPE)	0	1	1	5.84
			2	5.88
		2	1	5.98
			2	6.00
		3	1	5.90
			2	5.90
	3	1	1	6.39
			2	6.33
		2	1	6.46
			2	6.54
		3	1	6.37
			2	6.29
	6	1	1	6.55
			2	6.49
		2	1	6.66
			2	6.63
		3	1	6.43
			2	6.39
	9	1	1	6.70
			2	6.66
		2	1	6.84
			2	6.79
		3	1	6.64
			2	6.59
	12	1	1	6.78
			2	6.82
		2	1	6.85
			2	6.82
		3	1	6.73
			2	6.78
Polyamida (PA)	0	1	1	5.96
			2	5.95
		2	1	5.82
			2	5.91
		3	1	5.95
			2	5.95
	3	1	1	6.04
			2	6.01
		2	1	6.14
			2	6.15
		3	1	6.10
			2	6.10

	6	1	1	6.29
			2	6.25
		2	1	6.33
			2	6.25
		3	1	6.30
			2	6.27
	9	1	1	6.53
			2	6.52
		2	1	6.59
			2	6.54
		3	1	6.47
			2	6.40
	12	1	1	6.61
			2	6.64
		2	1	6.67
			2	6.69
		3	1	6.70
			2	6.64
Polietilen Tereptalat (PET)/ Aluminium (Al)/ *Linear Low Density Polyetylene* (LLDPE)	0	1	1	6.00
			2	5.86
		2	1	6.04
			2	6.03
		3	1	5.85
			2	5.91
	3	1	1	3.06
			2	5.96
		2	1	6.19
			2	6.17
		3	1	5.99
			2	5.99
	6	1	1	6.21
			2	6.25
		2	1	6.31
			2	6.27
		3	1	6.17
			2	6.13
	9	1	1	6.43
			2	6.45
		2	1	6.39
			2	6.43
		3	1	6.38
			2	6.46
	12	1	1	6.59
			2	6.51
		2	1	6.56
			2	6.56
		3	1	6.44
			2	6.51

Lampiran 13. Data Mentah Untuk Evaluasi Sensori

Jenis Kemasan	Waktu (hari)	Ulangan	Skor
Polietilen Tereptalat (PET)/ *Linear Low Density Polyetylene* (LLDPE)	0	1	9.00
		2	8.86
		3	9.00
		4	8.80
		5	8.93
	3	1	7.70
		2	7.46
		3	7.60
		4	7.73
		5	7.67
	6	1	6.67
		2	6.47
		3	6.53
		4	6.47
		5	6.27
	9	1	6.27
		2	5.93
		3	5.73
		4	5.73
		5	5.67
	12	1	4.93
		2	4.80
		3	5.06
		4	5.06
		5	4.73
Polyamida (PA)	0	1	9.00
		2	8.93
		3	8.80
		4	8.93
		5	8.93
	3	1	8.13
		2	7.73
		3	7.86
		4	7.67
		5	7.60
	6	1	6.80
		2	6.80
		3	6.47
		4	6.73
		5	7.00
	9	1	6.00
		2	6.13
		3	6.20
		4	6.20
		5	6.13

	12	1	5.06
		2	5.33
		3	5.33
		4	5.33
		5	5.00
Polietilen Tereptalat (PET)/ Aluminium (Al)/ *Linear Low Density Polyetylene* (LLDPE)	0	1	8.87
		2	8.87
		3	8.93
		4	8.93
		5	8.99
	3	1	8.27
		2	8.20
		3	7.93
		4	7.93
		5	7.86
	6	1	7.60
		2	7.33
		3	7.47
		4	7.60
		5	7.93
	9	1	6.73
		2	7.00
		3	6.80
		4	6.93
		5	6.80
	12	1	6.00
		2	6.27
		3	5.93
		4	6.20
		5	6.07