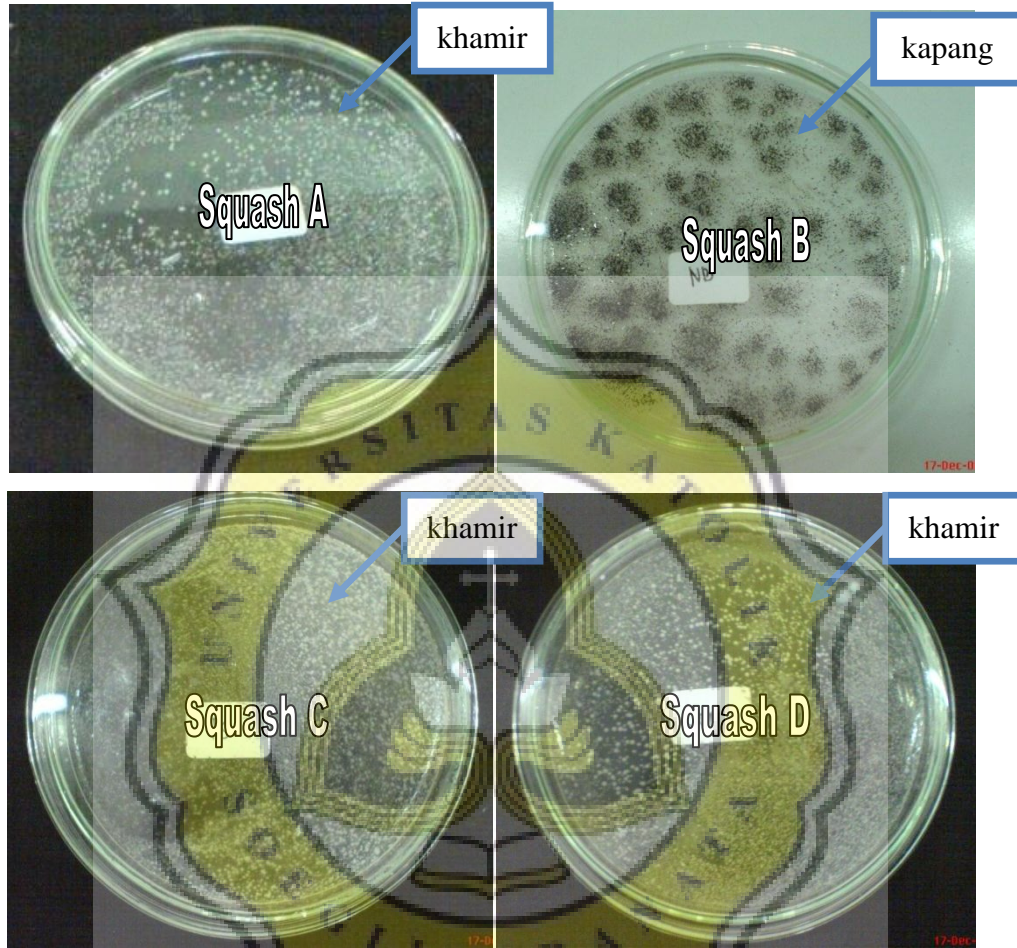


7 LAMPIRAN

Lampiran 1. Hasil *Total Plate Count* (TPC) koloni kapang dan khamir.



Ket :squash A : Squash kersen kontrol
squash B : Squash kersen dengan penambahan sodium benzoat
squash C : Squash kersen dengan penambahan potasium sorbat
squash D : Squash kersen dengan penambahan sodium benzoat dan potasium sorbat

Gambar 11. Hasil *Total Plate Count* (TPC) koloni kapang dan khamir hari ke-4 untuk Squash A dan hari ke-16 untuk Squash B, C dan D

Lampiran 2. SNI Minuman Squash (SNI 01 – 2984 – 1998)

No	Kriteria Uji	Satuan	Persyaratan
1.	Keadaan :		
	1.1. Bau		normal
	1.2. Rasa		normal
2.	Jumlah gula, sebagai sakarosa	% b/b	25 – 55
3.	Padatan total terlarut	% b/b	min. 30
4.	Bahan tambahan makanan		Sesuai SNI.0222-M dan Peraturan Men.Kes No.722/Men. Kes/Per/IX/88.
	4.1. Pemanis buatan		
	4.2. Pewarna tambahan		
	4.3. Pengawet		
5.	Cemaran Logam		
	5.1. Timbal (Pb)	mg/kg	maks. 0,3
	5.2. Tembaga (Cu)	mg/kg	maks. 5,0
	5.3. Seng (Zn)	mg/kg	maks. 5,0
	5.4. Raksa (Hg)	mg/kg	maks. 0,03
	5.5. Timah (Sn)	mg/kg	maks. 40,0
6.	Arsen (As)	mg/kg	maks. 0,2
7.	Cemaran mikroba		
	7.1. Angka lempeng total	koloni/g	maks. 4×10^2
	7.2. Bakteri <i>coliform</i>	APM/g	maks. 20
	7.3. <i>E. Coli</i>	APM/g	3
	7.4. Kapang	koloni/g	maks. 50
	7.5. Khamir	koloni/g	maks. 50
	7.6. Salmonella		negatif/25

Lampiran 3. Hasil analisa data SPSS Squash A (Kontrol)

Tests of Normality

umur_simpan		Kolmogorov-Smirnov ^a			Shapiro-Wilk		
		Statistic	Df	Sig.	Statistic	Df	Sig.
warna	hari ke 0	.245	6	.200*	.892	6	.328
	hari ke 2	.190	6	.200*	.908	6	.423
	hari ke 4	.175	6	.200*	.939	6	.654
pH	hari ke 0	.202	6	.200*	.853	6	.167
	hari ke 2	.254	6	.200*	.866	6	.212
	hari ke 4	.231	6	.200*	.905	6	.405
vitamin_C	hari ke 0	.254	6	.200*	.866	6	.212
	hari ke 2	.254	6	.200*	.866	6	.212
	hari ke 4	.263	6	.200*	.823	6	.093
antioksidan	hari ke 0	.223	6	.200*	.930	6	.583
	hari ke 2	.215	6	.200*	.863	6	.201
	hari ke 4	.209	6	.200*	.959	6	.816

a. Lilliefors Significance Correction

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

Descriptives

		N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Min	Max
						Lower Bound	Upper Bound		
pH	hari ke 0	6	4.2900	.00894	.00365	4.2806	4.2994	4.28	4.30
	hari ke 2	6	4.2783	.00753	.00307	4.2704	4.2862	4.27	4.29
	hari ke 4	6	4.2233	.02160	.00882	4.2007	4.2460	4.20	4.26
	Total	18	4.2639	.03274	.00772	4.2476	4.2802	4.20	4.30
vit_C	hari ke 0	6	43.8533	.66244	.27044	43.1581	44.5485	43.12	44.88
	hari ke 2	6	19.5067	.66244	.27044	18.8115	20.2019	18.48	20.24
	hari ke 4	6	13.4933	1.20231	.49084	12.2316	14.7551	12.32	14.96
	Total	18	25.6178	13.53191	3.18950	18.8885	32.3470	12.32	44.88
AO	hari ke 0	6	84.711600	.9658310	.3942989	83.698023	85.725177	83.2674	85.7688
	hari ke 2	6	67.879500	3.4810384	1.4211280	64.226374	71.532626	61.5545	70.9306
	hari ke 4	6	51.862562	1.1506889	.4697668	50.654989	53.070136	50.0868	53.4632
	Total	18	68.151221	13.9531042	3.2887782	61.212505	75.089936	50.0868	85.7688
Warna	hari ke 0	6	.969783	.0162418	.0066307	.952739	.986828	.9509	.9897
	hari ke 2	6	1.358233	.1990067	.0812442	1.149389	1.567078	1.0215	1.5468
	hari ke 4	6	1.746767	.0209622	.0085578	1.724768	1.768765	1.7230	1.7798
	Total	18	1.358261	.3440797	.0811004	1.187154	1.529368	.9509	1.7798

Test of Homogeneity of Variances

	Levene Statistic	df1	df2	Sig.
pH	3.753	2	15	.048
vitamin_C	2.381	2	15	.126
Antioksidan	3.192	2	15	.070
Warna	8.666	2	15	.003

ANOVA

		Sum of Squares	df	Mean Square	F	Sig.
pH	Between Groups	.015	2	.008	37.818	.000
	Within Groups	.003	15	.000		
	Total	.018	17			
vitamin_C	Between Groups	3101.300	2	1550.650	2002.389	.000
	Within Groups	11.616	15	.774		
	Total	3112.916	17			
Antioksidan	Between Groups	3237.842	2	1618.921	337.873	.000
	Within Groups	71.873	15	4.792		
	Total	3309.715	17			
Warna	Between Groups	1.811	2	.906	67.399	.000
	Within Groups	.202	15	.013		
	Total	2.013	17			

Post Hoc Tests

Homogeneous Subsets

pH

Duncan

umur_simpan	N	Subset for alpha = 0.05	
		1	2
hari ke 4	6	4.2233	
hari ke 2	6		4.2783
hari ke 0	6		4.2900
Sig.		1.000	.175

Means for groups in homogeneous subsets are displayed.

Vitamin_C

Duncan

umur_simpan	N	Subset for alpha = 0.05		
		1	2	3
hari ke 4	6	13.4933		
hari ke 2	6		19.5067	
hari ke 0	6			43.8533
Sig.		1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.

Antioksidan

Duncan

umur_simpan	N	Subset for alpha = 0.05		
		1	2	3
hari ke 4	6	51.862562		
hari ke 2	6		67.879500	
hari ke 0	6			84.711600
Sig.		1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.

Warna

Duncan

umur_simpan	N	Subset for alpha = 0.05		
		1	2	3
hari ke 0	6	.969783		
hari ke 2	6		1.358233	
hari ke 4	6			1.746767
Sig.		1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.

Lampiran 4. Hasil analisa data SPSS Squash B (Squash dengan penambahan Sodium benzoat)

Tests of Normality

umur_simpan	Kolmogorov-Smirnov ^a			Shapiro-Wilk			
	Statistic	Df	Sig.	Statistic	df	Sig.	
pH	hari ke 0	.258	6	.200 [*]	.832	6	.111
	hari ke 4	.266	6	.200 [*]	.783	6	.041
	hari ke 8	.180	6	.200 [*]	.952	6	.757
	hari ke 12	.237	6	.200 [*]	.927	6	.554
	hari ke 16	.212	6	.200 [*]	.933	6	.607
vitamin_C	hari ke 0	.202	6	.200 [*]	.853	6	.167
	hari ke 4	.254	6	.200 [*]	.866	6	.212
	hari ke 8	.250	6	.200 [*]	.912	6	.449
	hari ke 12	.254	6	.200 [*]	.866	6	.212
	hari ke 16	.254	6	.200 [*]	.866	6	.212
Antioksidan	hari ke 0	.213	6	.200 [*]	.887	6	.304
	hari ke 4	.172	6	.200 [*]	.974	6	.919
	hari ke 8	.175	6	.200 [*]	.942	6	.672
	hari ke 12	.240	6	.200 [*]	.841	6	.133
	hari ke 16	.266	6	.200 [*]	.931	6	.587
Warna	hari ke 0	.203	6	.200 [*]	.954	6	.774
	hari ke 4	.256	6	.200 [*]	.866	6	.209
	hari ke 8	.260	6	.200 [*]	.905	6	.402
	hari ke 12	.266	6	.200 [*]	.847	6	.149
	hari ke 16	.262	6	.200 [*]	.853	6	.166

a. Lilliefors Significance Correction

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

Descriptives

		N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Min	Max
						Lower Bound	Upper Bound		
pH	hari ke 0	6	4.3450	.05010	.02045	4.2924	4.3976	4.29	4.40
	hari ke 4	6	4.3083	.03312	.01352	4.2736	4.3431	4.28	4.35
	hari ke 8	6	4.2900	.02530	.01033	4.2635	4.3165	4.26	4.33
	hari ke 12	6	4.2567	.01366	.00558	4.2423	4.2710	4.24	4.28
	hari ke 16	6	4.2100	.01789	.00730	4.1912	4.2288	4.19	4.24
	Total	30	4.2820	.05480	.01000	4.2615	4.3025	4.19	4.40
vit_C	hari ke 0	6	44.0000	.78710	.32133	43.1740	44.8260	43.12	44.88
	hari ke 4	6	20.9733	.66244	.27044	20.2781	21.6685	20.24	22.00
	hari ke 8	6	16.1900	.78442	.32024	15.3668	17.0132	14.96	17.06
	hari ke 12	6	12.1733	.66244	.27044	11.4781	12.8685	11.44	13.20
	hari ke 16	6	9.8267	.66244	.27044	9.1315	10.5219	8.80	10.56
	Total	30	20.6327	12.50938	2.28389	15.9616	25.3037	8.80	44.88
AO	hari ke 0	6	85.148267	.3901090	.1592613	84.738872	85.557661	84.7688	85.8554
	hari ke 4	6	74.770931	1.8499165	.7552252	72.829563	76.712300	72.3946	77.7234
	hari ke 8	6	51.112602	5.7800083	2.3596785	45.046856	57.178349	44.6267	60.2933
	hari ke 12	6	49.292768	1.0942871	.4467408	48.144384	50.441152	47.5078	50.1743
	hari ke 16	6	42.668593	3.0659382	1.2516640	39.451088	45.886098	38.3174	47.0538
	Total	30	60.598632	16.9124470	3.0877762	54.283421	66.913844	38.3174	85.8554
Warna	hari ke 0	6	.966053	.0156855	.0064036	.949592	.982514	.9457	.9876
	hari ke 4	6	1.459550	.0033887	.0013834	1.455994	1.463106	1.4564	1.4643
	hari ke 8	6	1.558067	.0286148	.0116819	1.528037	1.588096	1.5085	1.5869
	hari ke 12	6	1.721017	.0441685	.0180317	1.674665	1.767369	1.6689	1.7684
	hari ke 16	6	1.922177	.0750415	.0306355	1.843425	2.000928	1.7869	1.9875
	Total	30	1.525373	.3283769	.0599531	1.402755	1.647991	.9457	1.9875

Test of Homogeneity of Variances

	Levene Statistic	df1	df2	Sig.
pH	9.990	4	25	.000
vitamin_C	.199	4	25	.937
antioksidan	5.170	4	25	.004
warna	5.066	4	25	.004

ANOVA

		Sum of Squares	df	Mean Square	F	Sig.
pH	Between Groups	.063	4	.016	16.650	.000
	Within Groups	.024	25	.001		
	Total	.087	29			
vitamin_C	Between Groups	4525.293	4	1131.323	2217.133	.000
	Within Groups	12.757	25	.510		
	Total	4538.050	29			
antioksidan	Between Groups	8056.993	4	2014.248	211.668	.000
	Within Groups	237.902	25	9.516		
	Total	8294.895	29			
warna	Between Groups	3.084	4	.771	445.206	.000
	Within Groups	.043	25	.002		
	Total	3.127	29			

Homogeneous Subsets

Post Hoc Tests

pH

Duncan

umur_simpan	N	Subset for alpha = 0.05			
		1	2	3	4
hari ke 16	6	4.2100			
hari ke 12	6		4.2567		
hari ke 8	6		4.2900	4.2900	
hari ke 4	6			4.3083	
hari ke 0	6				4.3450
Sig.		1.000	.073	.313	1.000

Means for groups in homogeneous subsets are displayed.

vitamin_C

Duncan

umur_simpan	N	Subset for alpha = 0.05				
		1	2	3	4	5
hari ke 16	6	9.8267				
hari ke 12	6		12.1733			
hari ke 8	6			16.1900		
hari ke 4	6				20.9733	
hari ke 0	6					44.0000
Sig.		1.000	1.000	1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.

Antioksidan

Duncan

umur_simpan	N	Subset for alpha = 0.05			
		1	2	3	4
hari ke 16	6	42.668593			
hari ke 12	6		49.292768		
hari ke 8	6		51.112602		
hari ke 4	6			74.770931	
hari ke 0	6				85.148267
Sig.		1.000	.317	1.000	1.000

Means for groups in homogeneous subsets are displayed.

Warna

Duncan

umur_simpan	N	Subset for alpha = 0.05				
		1	2	3	4	5
hari ke 0	6	.966053				
hari ke 4	6		1.459550			
hari ke 8	6			1.558067		
hari ke 12	6				1.721017	
hari ke 16	6					1.922177
Sig.		1.000	1.000	1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.

Lampiran 5. Hasil analisa data SPSS Squash C (Squash dengan penambahan potasium sorbat)

Tests of Normality

umur_simpan		Kolmogorov-Smirnov ^a			Shapiro-Wilk		
		Statistic	Df	Sig.	Statistic	df	Sig.
pH	hari ke 0	.251	6	.200*	.874	6	.243
	hari ke 4	.194	6	.200*	.891	6	.324
	hari ke 8	.234	6	.200*	.862	6	.197
	hari ke 12	.251	6	.200*	.869	6	.223
	hari ke 16	.167	6	.200*	.982	6	.960
vitamin_C	hari ke 0	.229	6	.200*	.887	6	.301
	hari ke 4	.254	6	.200*	.866	6	.212
	hari ke 8	.250	6	.200*	.912	6	.449
	hari ke 12	.237	6	.200*	.927	6	.554
	hari ke 16	.223	6	.200*	.908	6	.421
antioksidan	hari ke 0	.245	6	.200*	.889	6	.313
	hari ke 4	.228	6	.200*	.876	6	.253
	hari ke 8	.215	6	.200*	.914	6	.463
	hari ke 12	.267	6	.200*	.839	6	.127
	hari ke 16	.252	6	.200*	.783	6	.041
warna	hari ke 0	.202	6	.200*	.943	6	.679
	hari ke 4	.141	6	.200*	.983	6	.966
	hari ke 8	.237	6	.200*	.862	6	.197
	hari ke 12	.266	6	.200*	.832	6	.112
	hari ke 16	.252	6	.200*	.881	6	.272

a. Lilliefors Significance Correction

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

Descriptives

		N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Min	Max
						Lower Bound	Upper Bound		
pH	hari ke 0	6	4.2883	.03920	.01600	4.2472	4.3295	4.25	4.36
	hari ke 4	6	4.2617	.02401	.00980	4.2365	4.2869	4.24	4.30
	hari ke 8	6	4.2333	.02658	.01085	4.2054	4.2612	4.21	4.28
	hari ke 12	6	4.1617	.01722	.00703	4.1436	4.1797	4.14	4.18
	hari ke 16	6	4.1000	.01414	.00577	4.0852	4.1148	4.08	4.12
	Total	30	4.2090	.07411	.01353	4.1813	4.2367	4.08	4.36
vit_C	hari ke 0	6	43.8933	.67583	.27591	43.1841	44.6026	43.12	44.88
	hari ke 4	6	21.8533	.66244	.27044	21.1581	22.5485	21.12	22.88
	hari ke 8	6	16.1900	.78442	.32024	15.3668	17.0132	14.96	17.06
	hari ke 12	6	12.9067	1.20231	.49084	11.6449	14.1684	11.44	14.96
	hari ke 16	6	9.8267	1.02876	.41999	8.7470	10.9063	8.80	11.44
	Total	30	20.9340	12.38719	2.26158	16.3085	25.5595	8.80	44.88
AO	hari ke 0	6	85.404327	.4288373	.1750721	84.954289	85.854364	84.8554	86.1640
	hari ke 4	6	78.572219	5.5295820	2.2574424	72.769278	84.375159	73.6762	87.6728
	hari ke 8	6	56.411978	1.0458895	.4269826	55.314384	57.509572	55.3926	58.1389
	hari ke 12	6	51.138537	.5577037	.2276816	50.553263	51.723812	50.5228	51.7602
	hari ke 16	6	46.028388	3.0423884	1.2420499	42.835598	49.221179	40.2371	48.2970
	Total	30	63.511090	16.0803461	2.9358561	57.506590	69.515590	40.2371	87.6728
Warna	hari ke 0	6	.976395	.0132154	.0053952	.962526	.990264	.9567	.9909
	hari ke 4	6	1.459433	.0273727	.0111748	1.430707	1.488159	1.4234	1.4987
	hari ke 8	6	1.590533	.0455777	.0186070	1.542702	1.638364	1.5467	1.6750
	hari ke 12	6	1.772867	.0095920	.0039159	1.762800	1.782933	1.7650	1.7898
	hari ke 16	6	1.971977	.0170859	.0069753	1.954046	1.989907	1.9441	1.9877
	Total	30	1.554241	.3432099	.0626613	1.426084	1.682398	.9567	1.9877

Test of Homogeneity of Variances

	Levene Statistic	df1	df2	Sig.
pH	1.186	4	25	.341
vitamin_C	.683	4	25	.610
antioksidan	7.591	4	25	.000
warna	2.344	4	25	.082

ANOVA

		Sum of Squares	Df	Mean Square	F	Sig.
pH	Between Groups	.143	4	.036	53.776	.000
	Within Groups	.017	25	.001		
	Total	.159	29			
vitamin_C	Between Groups	4429.756	4	1107.439	1379.200	.000
	Within Groups	20.074	25	.803		
	Total	4449.830	29			
antioksidan	Between Groups	7291.642	4	1822.911	220.045	.000
	Within Groups	207.106	25	8.284		
	Total	7498.748	29			
warna	Between Groups	3.399	4	.850	1255.134	.000
	Within Groups	.017	25	.001		
	Total	3.416	29			

Post Hoc Tests

Homogeneous Subsets

pH

Duncan

umur_simpan	N	Subset for alpha = 0.05			
		1	2	3	4
hari ke 16	6	4.1000			
hari ke 12	6		4.1617		
hari ke 8	6			4.2333	
hari ke 4	6			4.2617	4.2617
hari ke 0	6				4.2883
Sig.		1.000	1.000	.068	.085

Means for groups in homogeneous subsets are displayed.

vitamin_C

Duncan

umur_simpan	N	Subset for alpha = 0.05				
		1	2	3	4	5
hari ke 16	6	9.8267				
hari ke 12	6		12.9067			
hari ke 8	6			16.1900		
hari ke 4	6				21.8533	
hari ke 0	6					43.8933
Sig.		1.000	1.000	1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.

Antioksidan

Duncan

umur_simpan	N	Subset for alpha = 0.05				
		1	2	3	4	5
hari ke 16	6	46.028388				
hari ke 12	6		51.138537			
hari ke 8	6			56.411978		
hari ke 4	6				78.572219	
hari ke 0	6					85.404327
Sig.		1.000	1.000	1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.

Warna

Duncan

umur_simpan	N	Subset for alpha = 0.05				
		1	2	3	4	5
hari ke 0	6	.976395				
hari ke 4	6		1.459433			
hari ke 8	6			1.590533		
hari ke 12	6				1.772867	
hari ke 16	6					1.971977
Sig.		1.000	1.000	1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.

Lampiran 6. Hasil analisa data SPSS Squash D (Squash dengan penambahan sodium benzoat-potasium Sorbat)

		Kolmogorov-Smirnov ^a			Shapiro-Wilk		
umur_simpan		Statistic	Df	Sig.	Statistic	df	Sig.
pH	hari ke 0	.241	6	.200*	.937	6	.635
	hari ke 4	.205	6	.200*	.874	6	.244
	hari ke 8	.262	6	.200*	.862	6	.195
	hari ke 12	.237	6	.200*	.927	6	.554
	hari ke 16	.223	6	.200*	.908	6	.421
vitamin_C	hari ke 0	.254	6	.200*	.866	6	.212
	hari ke 4	.202	6	.200*	.853	6	.167
	hari ke 8	.202	6	.200*	.853	6	.167
	hari ke 12	.254	6	.200*	.866	6	.212
	hari ke 16	.254	6	.200*	.866	6	.212
Antioksidan	hari ke 0	.167	6	.200*	.978	6	.943
	hari ke 4	.242	6	.200*	.863	6	.199
	hari ke 8	.253	6	.200*	.919	6	.500
	hari ke 12	.197	6	.200*	.922	6	.521
	hari ke 16	.236	6	.200*	.883	6	.281
Warna	hari ke 0	.259	6	.200*	.841	6	.134
	hari ke 4	.222	6	.200*	.845	6	.143
	hari ke 8	.233	6	.200*	.939	6	.652
	hari ke 12	.177	6	.200*	.946	6	.704
	hari ke 16	.203	6	.200*	.914	6	.465

a. Lilliefors Significance Correction

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

Descriptives

		N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Min	Max
						Lower Bound	Upper Bound		
pH	hari ke 0	6	4.3833	.07146	.02917	4.3083	4.4583	4.29	4.50
	hari ke 4	6	4.3550	.05167	.02110	4.3008	4.4092	4.30	4.42
	hari ke 8	6	4.2967	.01862	.00760	4.2771	4.3162	4.28	4.33
	hari ke 12	6	4.2767	.01366	.00558	4.2623	4.2910	4.26	4.30
	hari ke 16	6	4.2383	.01169	.00477	4.2261	4.2506	4.22	4.25
	Total	30	4.3100	.06571	.01200	4.2855	4.3345	4.22	4.50
vit_C	hari ke 0	6	43.2667	.66244	.27044	42.5715	43.9619	42.24	44.00
	hari ke 4	6	21.1200	.78710	.32133	20.2940	21.9460	20.24	22.00
	hari ke 8	6	16.7200	.78710	.32133	15.8940	17.5460	15.84	17.60
	hari ke 12	6	12.6133	1.32488	.54088	11.2230	14.0037	11.44	14.96
	hari ke 16	6	10.4133	.66244	.27044	9.7181	11.1085	9.68	11.44
	Total	30	20.8267	12.03123	2.19659	16.3341	25.3192	9.68	44.00
AO	hari ke 0	6	85.101404	.1453921	.0593561	84.948824	85.253983	84.8874	85.3022
	hari ke 4	6	76.894321	3.2560698	1.3292849	73.477285	80.311357	74.0641	82.6644
	hari ke 8	6	55.442372	1.3578926	.5543573	54.017352	56.867393	53.6948	57.4378
	hari ke 12	6	49.651443	.9854259	.4022985	48.617302	50.685584	48.4664	50.9237
	hari ke 16	6	45.342301	2.2024359	.8991407	43.030987	47.653616	43.2902	48.8249
	Total	30	62.486368	16.0336401	2.9273288	56.499309	68.473428	43.2902	85.3022
Warna	hari ke 0	6	.976797	.0125327	.0051165	.963644	.989949	.9591	.9877
	hari ke 4	6	1.257633	.0274754	.0112168	1.228800	1.286467	1.2342	1.3087
	hari ke 8	6	1.520583	.0948967	.0387414	1.420995	1.620171	1.3978	1.6547
	hari ke 12	6	1.747183	.0212153	.0086611	1.724919	1.769447	1.7230	1.7798
	hari ke 16	6	1.895133	.0817922	.0333915	1.809298	1.980969	1.7685	1.9897
	Total	30	1.479466	.3410662	.0622699	1.352110	1.606822	.9591	1.9897

Test of Homogeneity of Variances

	Levene Statistic	df1	df2	Sig.
pH	3.281	4	25	.027
vitamin_C	.931	4	25	.462
Antioksidan	5.008	4	25	.004
Warna	4.433	4	25	.008

ANOVA

		Sum of Squares	Df	Mean Square	F	Sig.
pH	Between Groups	.083	4	.021	12.278	.000
	Within Groups	.042	25	.002		
	Total	.125	29			
vitamin_C	Between Groups	4178.404	4	1044.601	1348.917	.000
	Within Groups	19.360	25	.774		
	Total	4197.764	29			
Antioksidan	Between Groups	7363.807	4	1840.952	503.301	.000
	Within Groups	91.444	25	3.658		
	Total	7455.251	29			
Warna	Between Groups	3.288	4	.822	240.964	.000
	Within Groups	.085	25	.003		
	Total	3.373	29			

Post Hoc Tests

Homogeneous Subsets

pH

Duncan

umur_simpan	N	Subset for alpha = 0.05		
		1	2	3
hari ke 16	6	4.2383		
hari ke 12	6	4.2767	4.2767	
hari ke 8	6		4.2967	
hari ke 4	6			4.3550
hari ke 0	6			4.3833
Sig.		.119	.407	.244

Means for groups in homogeneous subsets are displayed.

vitamin_C

Duncan

umur_simpan	N	Subset for alpha = 0.05				
		1	2	3	4	5
hari ke 16	6	10.4133				
hari ke 12	6		12.6133			
hari ke 8	6			16.7200		
hari ke 4	6				21.1200	
hari ke 0	6					43.2667
Sig.		1.000	1.000	1.000	1.000	1.000

pH

Duncan

umur_simpan	N	Subset for alpha = 0.05		
		1	2	3
hari ke 16	6	4.2383		
hari ke 12	6	4.2767	4.2767	
hari ke 8	6		4.2967	
hari ke 4	6			4.3550
hari ke 0	6			4.3833
Sig.		.119	.407	.244

Means for groups in homogeneous subsets are displayed.

Antioksidan

Duncan

umur_simpan	N	Subset for alpha = 0.05				
		1	2	3	4	5
hari ke 16	6	45.342301				
hari ke 12	6		49.651443			
hari ke 8	6			55.442372		
hari ke 4	6				76.894321	
hari ke 0	6					85.101404
Sig.		1.000	1.000	1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.

Warna

Duncan

umur_simpan	N	Subset for alpha = 0.05				
		1	2	3	4	5
hari ke 0	6	.976797				
hari ke 4	6		1.257633			
hari ke 8	6			1.520583		
hari ke 12	6				1.747183	
hari ke 16	6					1.895133
Sig.		1.000	1.000	1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.

Lampiran 7. Hasil Analisa Data SPSS Selama Penyimpanan

- Hari ke-0

Test of Homogeneity of Variances

	Levene Statistic	df1	df2	Sig.
Warna	.283	3	20	.837
pH	3.014	3	20	.054
Vitamin_C	.079	3	20	.971
Antioksidan	5.014	3	20	.009

ANOVA

		Sum of Squares	Df	Mean Square	F	Sig.
Warna	Between Groups	.000	3	.000	.783	.518
	Within Groups	.004	20	.000		
	Total	.005	23			
pH	Between Groups	.038	3	.013	5.511	.006
	Within Groups	.046	20	.002		
	Total	.084	23			
Vitamin_C	Between Groups	1.964	3	.655	1.340	.290
	Within Groups	9.770	20	.488		
	Total	11.733	23			
Antioksidan	Between Groups	1.473	3	.491	1.522	.239
	Within Groups	6.450	20	.323		
	Total	7.923	23			

Post Hoc Tests
Homogeneous Subsets

Warna

Duncan

jenis_squash	N	Subset for alpha = 0.05	
		1	
Squash B	6		.966053
Squash A	6		.969783
Squash C	6		.976395
Squash D	6		.976797
Sig.			.253

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 6.000.

pHDuncan^a

jenis_squash	N	Subset for alpha = 0.05	
		1	2
Squash C	6	4.2883	
Squash A	6	4.2900	
Squash B	6	4.3450	4.3450
Squash D	6		4.3833
Sig.		.066	.182

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 6.000.

Vitamin_CDuncan^a

jenis_squash	N	Subset for alpha = 0.05	
		1	
Squash D	6		43.2667
Squash A	6		43.8533
Squash C	6		43.8933
Squash B	6		44.0000
Sig.			.110

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 6.000.

AntioksidanDuncan^a

jenis_squash	N	Subset for alpha = 0.05	
		1	
Squash A	6		84.711600
Squash D	6		85.101404
Squash B	6		85.148267
Squash C	6		85.404327
Sig.			.065

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 6.000.

- **Hari ke-4**

Test of Homogeneity of Variances

	Levene Statistic	df1	df2	Sig.
Warna	2.384	3	20	.100
pH	2.240	3	20	.115
Vit_C	1.608	3	20	.219
Antioksidan	4.932	3	20	.010

ANOVA

		Sum of Squares	Df	Mean Square	F	Sig.
Warna	Between Groups	.729	3	.243	496.966	.000
	Within Groups	.010	20	.000		
	Total	.738	23			
pH	Between Groups	.059	3	.020	16.257	.000
	Within Groups	.024	20	.001		
	Total	.083	23			
Vit_C	Between Groups	278.010	3	92.670	125.965	.000
	Within Groups	14.714	20	.736		
	Total	292.723	23			
Antioksidan	Between Groups	2829.843	3	943.281	82.159	.000
	Within Groups	229.623	20	11.481		
	Total	3059.466	23			

Post Hoc Tests

Homogeneous Subsets

Warna

Duncan^a

Jenis_Squash	N	Subset for alpha = 0.05		
		1	2	3
Squash D	6	1.257633		
Squash C	6		1.459433	
Squash B	6		1.459550	
Squash A	6			1.746767
Sig.		1.000	.993	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 6.000.

pH

Duncan^a

Jenis_Squash	N	Subset for alpha = 0.05		
		1	2	3
Squash A	6	4.2233		
Squash C	6	4.2617		
Squash B	6		4.3083	
Squash D	6			4.3550
Sig.		.070	1.000	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 6.000.

Vit_C

Duncan^a

Jenis_Squash	N	Subset for alpha = 0.05	
		1	2
Squash A	6	13.4933	
Squash B	6		20.9733
Squash D	6		21.1200
Squash C	6		21.8533
Sig.		1.000	.107

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 6.000.

Antioksidan

Duncan^a

Jenis_Squash	N	Subset for alpha = 0.05	
		1	2
Squash A	6	51.862563	
Squash B	6		74.770931
Squash D	6		76.894321
Squash C	6		78.572219
Sig.		1.000	.080

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 6.000.

- Hari ke-8**

Test of Homogeneity of Variances

	Levene Statistic	df1	df2	Sig.
Warna	1.949	2	15	.177
pH	.513	2	15	.609
Vit_C	.043	2	15	.958
Antioksidan	6.360	2	15	.010

ANOVA

		Sum of Squares	df	Mean Square	F	Sig.
Warna	Between Groups	.015	2	.007	1.491	.257
	Within Groups	.074	15	.005		
	Total	.089	17			
pH	Between Groups	.015	2	.007	12.874	.001
	Within Groups	.008	15	.001		
	Total	.023	17			
Vit_C	Between Groups	1.124	2	.562	.911	.423
	Within Groups	9.251	15	.617		
	Total	10.374	17			
Antioksidan	Between Groups	95.541	2	47.770	3.943	.042
	Within Groups	181.731	15	12.115		
	Total	277.272	17			

Post Hoc Tests

Homogeneous Subsets

Warna

Duncan^a

Jenis_Squash	N	Subset for alpha = 0.05	
		1	
Squash D	6	1.520583	
Squash B	6	1.558067	
Squash C	6	1.590533	
Sig.			.122

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 6.000.

pH

Duncan^a

Jenis_Squash	N	Subset for alpha = 0.05	
		1	2
Squash C	6	4.2333	
Squash B	6		4.2900
Squash D	6		4.2967
Sig.		1.000	.634

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 6.000.

Vit_C

Duncan^a

Jenis_Squash	N	Subset for alpha = 0.05	
		1	
Squash B	6		16.1900
Squash C	6		16.1900
Squash D	6		16.7200
Sig.			.285

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 6.000.

Antioksidan

Duncan^a

Jenis_Squash	N	Subset for alpha = 0.05	
		1	2
Squash B	6	51.112602	
Squash D	6		55.442372
Squash C	6		56.411978
Sig.		1.000	.636

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 6.000.

- Hari ke-12

Test of Homogeneity of Variances

	Levene Statistic	df1	df2	Sig.
Warna	17.588	2	15	.000
pH	.938	2	15	.413
Vit_C	.944	2	15	.411
Antioksidan	1.215	2	15	.324

ANOVA

		Sum of Squares	Df	Mean Square	F	Sig.
Warna	Between Groups	.008	2	.004	4.853	.024
	Within Groups	.012	15	.001		
	Total	.021	17			
pH	Between Groups	.045	2	.023	101.418	.000
	Within Groups	.003	15	.000		
	Total	.049	17			
Vit_C	Between Groups	1.635	2	.817	.674	.525
	Within Groups	18.198	15	1.213		
	Total	19.833	17			
Antioksidan	Between Groups	11.494	2	5.747	6.953	.007
	Within Groups	12.398	15	.827		
	Total	23.892	17			

Post Hoc Tests

Homogeneous Subsets

WarnaDuncan^a

Jenis_Squash	N	Subset for alpha = 0.05	
		1	2
Squash B	6	1.721017	
Squash D	6	1.747183	1.747183
Squash C	6		1.772867
Sig.		.137	.144

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 6.000.

pHDuncan^a

Jenis_Squash	N	Subset for alpha = 0.05		
		1	2	3
Squash C	6	4.1617		
Squash B	6		4.2567	
Squash D	6			4.2767
Sig.		1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 6.000.

Vit_CDuncan^a

Jenis_Squash	N	Subset for alpha = 0.05	
		1	2
Squash B	6		12.1733
Squash D	6		12.6133
Squash C	6		12.9067
Sig.			.291

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 6.000.

AntioksidanDuncan^a

Jenis_Squash	N	Subset for alpha = 0.05	
		1	2
Squash B	6	49.292768	
Squash D	6	49.651443	
Squash C	6		51.138537
Sig.		.505	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 6.000.

- Hari ke-16

Test of Homogeneity of Variances

	Levene Statistic	df1	df2	Sig.
Warna	.818	2	15	.460
pH	.421	2	15	.664
Vit_C	.822	2	15	.458
Antioksidan	.178	2	15	.839

ANOVA

		Sum of Squares	Df	Mean Square	F	Sig.
Warna	Between Groups	.010	2	.005	1.046	.376
	Within Groups	.070	15	.005		
	Total	.079	17			
pH	Between Groups	.064	2	.032	146.371	.000
	Within Groups	.003	15	.000		
	Total	.067	17			
Vit_C	Between Groups	1.377	2	.688	1.067	.369
	Within Groups	9.680	15	.645		
	Total	11.057	17			
Antioksidan	Between Groups	37.815	2	18.908	2.413	.123
	Within Groups	117.534	15	7.836		
	Total	155.349	17			

Post Hoc Tests

Homogeneous Subsets

Warna

Duncan^a

Jenis_Squash	N	Subset for alpha = 0.05	
		1	
Squash D	6	1.895133	
Squash B	6	1.922177	
Squash C	6	1.951977	
Sig.		.190	

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 6.000.

pH

Duncan^a

Jenis_Squash	N	Subset for alpha = 0.05		
		1	2	3
Squash C	6	4.1000		
Squash B	6		4.2100	
Squash D	6			4.2383
Sig.		1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 6.000.

Vit_CDuncan^a

Jenis_Squash	N	Subset for alpha = 0.05
		1
Squash B	6	9.8267
Squash C	6	9.8267
Squash D	6	10.4133
Sig.		.249

Means for groups in homogeneous subsets are displayed.

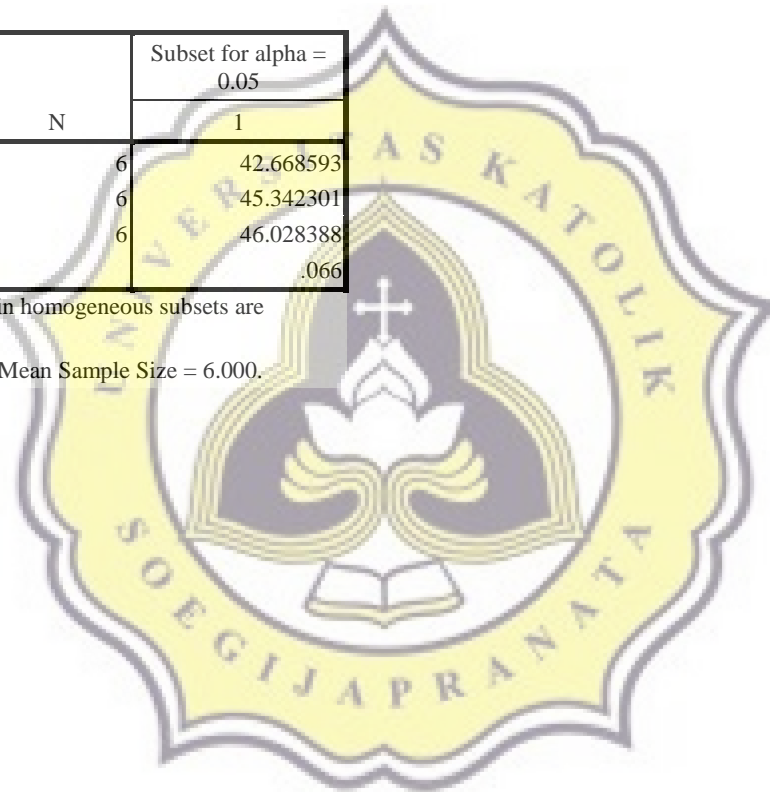
a. Uses Harmonic Mean Sample Size = 6.000.

AntioksidanDuncan^a

Jenis_Squash	N	Subset for alpha = 0.05
		1
Squash B	6	42.668593
Squash D	6	45.342301
Squash C	6	46.028388
Sig.		.066

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 6.000.



Lampiran 8. Tabel APM *Coliform*

Jumlah tabung positif			MPN*	Jumlah tabung positif			MPN*
Seri A	Seri B	Seri C		Seri A	Seri B	Seri C	
0	0	0	<0,03	2	0	0	0,091
0	0	1	0,03	2	0	1	0,14
0	0	2	0,06	2	0	2	0,20
0	0	3	0,09	2	0	3	0,26
0	1	0	0,03	2	1	0	0,15
0	1	1	0,061	2	1	1	0,20
0	1	2	0,092	2	1	2	0,27
0	1	3	0,12	2	1	3	0,34
0	2	0	0,062	2	2	0	0,21
0	2	1	0,093	2	2	1	0,28
0	2	2	0,12	2	2	2	0,35
0	2	3	0,16	2	2	3	0,42
0	3	0	0,094	2	3	0	0,29
0	3	1	0,13	2	3	1	0,36
0	3	2	0,16	2	3	2	0,44
0	3	3	0,19	2	3	3	0,53
1	0	0	0,036	3	0	0	0,23
1	0	1	0,072	3	0	1	0,39
1	0	2	0,11	3	0	2	0,64
1	0	3	0,15	3	0	3	0,95
1	1	0	0,073	3	1	0	0,43
1	1	1	0,11	3	1	1	0,75
1	1	2	0,15	3	1	2	1,20
1	1	3	0,19	3	1	3	1,60
1	2	0	0,11	3	2	0	0,93
1	2	1	0,15	3	2	1	1,50
1	2	2	0,20	3	2	2	2,10
1	2	3	0,24	3	2	3	2,90
1	3	0	0,16	3	3	0	2,40
1	3	1	0,20	3	3	1	4,60
1	3	2	0,24	3	3	2	11,0
1	3	3	0,29	3	3	3	>24,00

*Nilai MPN bakteri dari pengenceran yang ditengah