LAMPIRAN-LAMPIRAN

Lampiran 1. Dokumentasi peberian perlakuan pada daging babi

1. Membeli daging babi 	2. Menyiapkan alat dan bahan 
3. Memotong daging babi 	4.Marinasi dengan bubuk rosella 
5. Dikemas dan diberi label 	6. Inkubasi 24 jam pada suhu 37^0C 

Lampiran 2. Dokumentasi pengujian awal kebusukan daging (uji eber)

1. Menyiapkan alat dan bahan 	2. Proses memotong daging 
3. Menempelkan daging pada kawat sumbat tabung 	4. Proses pembuatan reagen eber 
5. Memasukkan gading dengan sumbat tabung 	6. Mengamati hasil uji awal kebusukan daging 

Lampiran 3. Pengujian nilai pH

1. Melakukan kalibrasi pH meter dengan buffer pH 	2. Melakukan pembacaan nilai pH pada daging 
3. Mencatat hasil pH pada setiap perlakuan pada daging 	4. Membersihkan electrode glass pH meter setiap selesai digunakan 

Lampiran 4. Hasil Pengujian Eber Daging Babi

	U1	U2	U3	U4	U5	U6
P0	+	+	+	+	+	+
P1	+	+	+	-	+	-
P2	-	+	-	+	-	+
P3	-	-	-	-	-	-

Lampiran 5. Hasil Pengujian nillai pH daging babi

	U1	**U2**	**U3**	**U4**	**U5**	**U6**
P0	7,16	7,00	7,10	7,19	7,13	7,15
P1	6,80	7,12	7,00	6,16	6,09	6,05
P2	5,15	6,12	5,20	6,90	5,18	6,10
P3	5,13	5,15	5,16	5,16	5,20	5,11

Lampiran 6. Hasil Analisis *Kruskal Wallis Test* Uji Eber

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/K-W=ulangan BY Eber
/STATISTICS DESCRIPTIVES
/MISSING ANALYSIS.
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Kruskal-Wallis Test

Ranks

	perlakuan	N	Mean Rank
Eber	P0 (Kontrol)	6	18.00
	P1 (5 gram bubuk rosella)	6	14.00
	P2 (10 gram bubuk rosella)	6	12.00
	P3 (15 gram bubuk rosella)	6	6.00
	Total	24	

Test Statistics[a,b]

	ulangan
Chi-Square	12.063
df	3
Asymp. Sig.	.007

a. Kruskal Wallis Test

b. Grouping Variable: Ulangan

Hypothesis Test Summary

	Null Hypothesis	Test	Sig.	Decision
1	The distribution of ulangan is the same across categories of perlakuan.	Independent-Samples Kruskal-Wallis Test	.007	Reject the null hypothesis.

Asymptotic significances are displayed. The significance level is .05.

Each node shows the sample average rank of perlakuan.

Sample1-Sample2	Test Statistic	Std. Error	Std. Test Statistic	Sig.	Adj.Sig.
P3 (15 gram bubuk rosella)-P2 (10 gram bubuk rosella)	6.000	3.526	1.702	.089	.533
P3 (15 gram bubuk rosella)-P1 (5 gram bubuk rosella)	8.000	3.526	2.269	.023	.140
P3 (15 gram bubuk rosella)-P0 (Kontrol)	12.000	3.526	3.403	.001	.004
P2 (10 gram bubuk rosella)-P1 (5 gram bubuk rosella)	2.000	3.526	.567	.571	1.000
P2 (10 gram bubuk rosella)-P0 (Kontrol)	6.000	3.526	1.702	.089	.533
P1 (5 gram bubuk rosella)-P0 (Kontrol)	4.000	3.526	1.134	.257	1.000

Each row tests the null hypothesis that the Sample 1 and Sample 2 distributions are the same.
Asymptotic significances (2-sided tests) are displayed. The significance level is .05.

Lampiran 7. Hasil Analisis Anova Nilai pH

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ONEWAY Nilai BY pH
  /STATISTICS DESCRIPTIVES HOMOGENEITY
  /MISSING ANALYSIS
  /POSTHOC=DUNCAN LSD ALPHA(0.05).
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Oneway

Descriptives

pH

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean
					Lower Bound
P0 Kontrol	6	7.1217	.06676	.02725	7.0516
P1 5 gram bubuk rosella	6	6.6800	.43945	.17941	6.2188
P2 10 gram bubuk rosella	6	5.7750	.71632	.29244	5.0233
P3 15 gram bubuk rosella	6	5.1517	.03061	.01249	5.1195
Total	24	6.1821	.87743	.17911	5.8116

Descriptives

pH

	95% Confidence Interval for Mean	Minimum	Maximum
	Upper Bound		
P0 Kontrol	7.1917	7.00	7.19
P1 5 gram bubuk rosella	7.1412	6.10	7.12
P2 10 gram bubuk rosella	6.5267	5.15	6.90
P3 15 gram bubuk rosella	5.1838	5.11	5.20
Total	6.5526	5.11	7.19

ANOVA

pH

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	14.149	3	4.716	26.511	.000
Within Groups	3.558	20	.178		
Total	17.707	23			

Post Hoc Tests

Multiple Comparisons

Dependent Variable: pH

	(I) Perlakuan	(J) Perlakuan	Mean Difference (I-J)	Std. Error
LSD	P0 Kontrol	P1 5 gram bubuk rosella	.44167	.24352
		P2 10 gram bubuk rosella	1.34667*	.24352
		P3 15 gram bubuk rosella	1.97000*	.24352
	P1 5 gram bubuk rosella	P0 Kontrol	-.44167	.24352
		P2 10 gram bubuk rosella	.90500*	.24352
		P3 15 gram bubuk rosella	1.52833*	.24352
	P2 10 gram bubuk rosella	P0 Kontrol	-1.34667*	.24352
		P1 5 gram bubuk rosella	-.90500*	.24352
		P3 15 gram bubuk rosella	.62333*	.24352
	P3 15 gram bubuk rosella	P0 Kontrol	-1.97000*	.24352
		P1 5 gram bubuk rosella	-1.52833*	.24352
		P2 10 gram bubuk rosella	-.62333*	.24352

Multiple Comparisons

Dependent Variable: pH

	(I) Perlakuan	(J) Perlakuan	95% Confidence Interval
			Upper Bound
LSD	P0 Kontrol	P1 5 gram bubuk rosella	.9496
		P2 10 gram bubuk rosella	1.8546
		P3 15 gram bubuk rosella	2.4780
	P1 5 gram bubuk rosella	P0 Kontrol	.0663
		P2 10 gram bubuk rosella	1.4130
		P3 15 gram bubuk rosella	2.0363
	P2 10 gram bubuk rosella	P0 Kontrol	-.8387
		P1 5 gram bubuk rosella	-.3970
		P3 15 gram bubuk rosella	1.1313
	P3 15 gram bubuk rosella	P0 Kontrol	-1.4620
		P1 5 gram bubuk rosella	-1.0204
		P2 10 gram bubuk rosella	-.1154

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

Homogeneous Subsets

pH

	Perlakuan	N	Subset for alpha = 0.05		
			1	2	3
Duncan[a]	P3 15 gram bubuk rosella	6	5.1517		
	P2 10 gram bubuk rosella	6		5.7750	
	P1 5 gram bubuk rosella	6			6.6800
	P0 Kontrol	6			7.1217
	Sig.		1.000	1.000	.085

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 6.000.