

7. LAMPIRAN

Lampiran 1. Standar Nasional Indonesia (SNI 01-3710-1995)

Tabel Syarat Mutu Buah Kering

No	Kriteria Uji	Satuan	Persyaratan
1	Keadaan		
1.1	Penampakan	-	normal
1.2	Bau	-	normal
1.3	Rasa	-	normal
2	Air	% b/b	maksimal 3.1
3	Bahan Tambahan Makanan		
3.1	Pemanis buatan (Sakarin, Siklamat)	-	negatif
3.2	Pewarna	Sesuai SNI 01-0222-1987	
3.3	Pengawet	Sesuai SNI 01-0222-1987	
4	Cemaran Logam-logam		
4.1	Timbal (Pb)	mg/kg	maksimal 2.0
4.2	Tembaga (Cu)	mg/kg	maksimal 5.0
4.3	Seng (Zn)	mg/kg	maksimal 40.0
4.4	Timah (Sn)	mg/kg	maksimal 40.0/251**
4.5	Raksa (Hg)	mg/kg	maksimal 0.03
5	Cemaran Arsen (As)	mg/kg	Maksimal 1.0
6	Cemaran Mikrobial		
6.1	E.Coli	AMP/g	<3

** Khusus untuk produk yang dikemas dalam kaleng



Lampiran 2. Uji Post Hoc Two Way Anova dan Deskriptif Statistik Kadar Air Manisan Pepaya Kering

kdr_air

Duncan^{a,b}

Perendaman	N	Subset	
		1	2
0 jam	9	20.3056	
12 jam	9	20.4022	20.4022
24 jam	9	20.4833	20.4833
72 jam	9		20.6289
Sig.		.173	.085

Means for groups in homogeneous subsets are displayed.

Based on Type III Sum of Squares

The error term is Mean Square(Error) = .065.

a. Uses Harmonic Mean Sample Size = 9.000.

b. Alpha = .05.

kdr_air

Duncan^{a,b}

Ketebalan	N	Subset
		1
1 cm	12	20.3617
1.5 cm	12	20.4475
2 cm	12	20.5558
Sig.		.089

Means for groups in homogeneous subsets are displ

Based on Type III Sum of Squares

The error term is Mean Square(Error) = .065.

a. Uses Harmonic Mean Sample Size = 12.000.

b. Alpha = .05.

Descriptive Statistics

Dependent Variable: kdr_air

Perendaman	Ketebalan	Mean	Std. Deviation	N
0 jam	1 cm	20.2400	.08660	3
	1.5 cm	20.2900	.30265	3
	2 cm	20.3867	.30105	3
	Total	20.3056	.22716	9
12 jam	1 cm	20.3367	.38175	3
	1.5 cm	20.3867	.22368	3
	2 cm	20.4833	.14503	3
	Total	20.4022	.24160	9
24 jam	1 cm	20.3867	.22368	3
	1.5 cm	20.4833	.38175	3
	2 cm	20.5800	.21932	3
	Total	20.4833	.26072	9
72 jam	1 cm	20.4833	.14503	3
	1.5 cm	20.6300	.29000	3
	2 cm	20.7733	.14503	3
	Total	20.6289	.21751	9
Total	1 cm	20.3617	.22180	12
	1.5 cm	20.4475	.29111	12
	2 cm	20.5558	.23489	12
	Total	20.4550	.25677	36

Lampiran 3. Uji Post Hoc Two Way Anova dan Deskriptif Statistik Kadar Abu Manisan Pepaya Kering

Abu_DB

Duncan ^{a,b}

Perendaman	N	Subset			
		1	2	3	4
72 jam	9	1.6489			
24 jam	9		1.8467		
12 jam	9			2.0733	
0 jam	9				2.8722
Sig.		1.000	1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.

Based on Type III Sum of Squares

The error term is Mean Square(Error) = .017.

a. Uses Harmonic Mean Sample Size = 9.000.

b. Alpha = .05.

Abu_DB

Duncan ^{a,b}

Ketebalan	N	Subset		
		1	2	3
1 cm	12	1.8842		
1.5 cm	12		2.0967	
2 cm	12			2.3500
Sig.		1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.

Based on Type III Sum of Squares

The error term is Mean Square(Error) = .017.

a. Uses Harmonic Mean Sample Size = 12.000.

b. Alpha = .05.

Descriptive Statistics

Dependent Variable: Abu_DB

Perendaman	Ketebalan	Mean	Std. Deviation	N
0 jam	1 cm	2.4433	.13279	3
	1.5 cm	2.8033	.06658	3
	2 cm	3.3700	.23000	3
	Total	2.8722	.42711	9
12 jam	1 cm	1.8833	.06351	3
	1.5 cm	2.0467	.12014	3
	2 cm	2.2900	.12000	3
	Total	2.0733	.19906	9
24 jam	1 cm	1.6433	.07234	3
	1.5 cm	1.8867	.06658	3
	2 cm	2.0100	.06928	3
	Total	1.8467	.17241	9
72 jam	1 cm	1.5667	.11504	3
	1.5 cm	1.6500	.18330	3
	2 cm	1.7300	.18330	3
	Total	1.6489	.15846	9
Total	1 cm	1.8842	.36862	12
	1.5 cm	2.0967	.46223	12
	2 cm	2.3500	.66356	12
	Total	2.1103	.53435	36

Lampiran 4. Uji Post Hoc Two Way Anova dan Deskriptif Statistik Vitamin C Manisan Pepaya Kering

Vitamin_C

Duncan^{a,b}

Perendaman	N	Subset			
		1	2	3	4
72 jam	9	20.8056			
24 jam	9		23.0544		
12 jam	9			24.7167	
0 jam	9				30.1944
Sig.		1.000	1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.

Based on Type III Sum of Squares

The error term is Mean Square(Error) = 1.422.

a. Uses Harmonic Mean Sample Size = 9.000.

b. Alpha = .05.

Vitamin_C

Duncan^{a,b}

Ketebalan	N	Subset	
		1	2
1 cm	12	23.6900	
1.5 cm	12	24.6433	
2 cm	12		25.7450
Sig.		.062	1.000

Means for groups in homogeneous subsets are displayed.

Based on Type III Sum of Squares

The error term is Mean Square(Error) = 1.422.

a. Uses Harmonic Mean Sample Size = 12.000.

b. Alpha = .05.

Descriptive Statistics

Dependent Variable: Vitamin_C

Perendaman	Ketebalan	Mean	Std. Deviation	N
0 jam	1 cm	29.1167	.50807	3
	1.5 cm	29.9967	.50807	3
	2 cm	31.4700	2.69390	3
	Total	30.1944	1.73313	9
12 jam	1 cm	23.5433	1.34422	3
	1.5 cm	24.7167	.50807	3
	2 cm	25.8900	.88000	3
	Total	24.7167	1.32000	9
24 jam	1 cm	22.3700	.88000	3
	1.5 cm	22.9567	1.34422	3
	2 cm	23.8367	.50807	3
	Total	23.0544	1.05763	9
72 jam	1 cm	19.7300	1.52420	3
	1.5 cm	20.9033	1.01614	3
	2 cm	21.7833	.50807	3
	Total	20.8056	1.30360	9
Total	1 cm	23.6900	3.70513	12
	1.5 cm	24.6433	3.60807	12
	2 cm	25.7450	3.97143	12
	Total	24.6928	3.75342	36

Lampiran 5. Uji Post Hoc Two Way Anova dan Deskriptif Statistik Kadar Sukrosa Manisan Pepaya Kering

Kadar_sukrosa

Duncan^{a,b}

Perendaman	N	Subset		
		1	2	3
12 jam	9	6.3500		
0 jam	9	7.4767	7.4767	
24 jam	9		10.0956	10.0956
72 jam	9			11.0022
Sig.		.460	.094	.551

Means for groups in homogeneous subsets are displayed.

Based on Type III Sum of Squares

The error term is Mean Square(Error) = 10.131.

a. Uses Harmonic Mean Sample Size = 9.000.

b. Alpha = .05.

Kadar_sukrosa

Duncan^{a,b}

Ketebalan	N	Subset	
		1	2
2 cm	12	7.4558	
1.5 cm	12	8.2375	8.2375
1 cm	12		10.5000
Sig.		.553	.094

Means for groups in homogeneous subsets are displayed.

Based on Type III Sum of Squares

The error term is Mean Square(Error) = 10.131.

a. Uses Harmonic Mean Sample Size = 12.000.

b. Alpha = .05.

Descriptive Statistics

Dependent Variable: Kadar_sukrosa

Perendaman	Ketebalan	Mean	Std. Deviation	N
0 jam	1 cm	8.0433	2.29315	3
	1.5 cm	7.4867	4.47893	3
	2 cm	6.9000	4.18669	3
	Total	7.4767	3.31015	9
12 jam	1 cm	9.2300	5.66566	3
	1.5 cm	4.6567	1.59982	3
	2 cm	5.1633	1.53754	3
	Total	6.3500	3.73758	9
24 jam	1 cm	11.6833	1.80959	3
	1.5 cm	9.8800	1.56368	3
	2 cm	8.7233	2.42364	3
	Total	10.0956	2.13714	9
72 jam	1 cm	13.0433	4.20863	3
	1.5 cm	10.9267	.40992	3
	2 cm	9.0367	3.49660	3
	Total	11.0022	3.24652	9
Total	1 cm	10.5000	3.85229	12
	1.5 cm	8.2375	3.30858	12
	2 cm	7.4558	3.08951	12
	Total	8.7311	3.58026	36

Lampiran 6. Uji Post Hoc Two Way Anova dan Deskriptif Statistik Hardness Manisan Pepaya Kering

Hardness

Duncan ^{a,b}

Perendaman	N	Subset			
		1	2	3	4
72 jam	9	1.8310			
12 jam	9		3.2119		
24 jam	9			4.8699	
0 jam	9				6.3536
Sig.		1.000	1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.

Based on Type III Sum of Squares

The error term is Mean Square(Error) = 1.745.

- a. Uses Harmonic Mean Sample Size = 9.000.
- b. Alpha = .05.

Hardness

Duncan ^{a,b}

Ketebalan	N	Subset	
		1	2
1 cm	12	3.6404	
2 cm	12	3.6746	
1.5 cm	12		4.8848
Sig.		.950	1.000

Means for groups in homogeneous subsets are displayed.

Based on Type III Sum of Squares

The error term is Mean Square(Error) = 1.745.

- a. Uses Harmonic Mean Sample Size = 12.000.
- b. Alpha = .05.

Descriptive Statistics

Dependent Variable: Hardness

Perendaman	Ketebalan	Mean	Std. Deviation	N
0 jam	1 cm	5.8116	.55355	3
	1.5 cm	8.2427	2.49958	3
	2 cm	5.0067	2.23538	3
	Total	6.3536	2.23975	9
12 jam	1 cm	3.1430	1.43139	3
	1.5 cm	2.6910	.49924	3
	2 cm	3.8017	.66162	3
	Total	3.2119	.95809	9
24 jam	1 cm	3.5396	.83377	3
	1.5 cm	7.3324	1.38067	3
	2 cm	3.7376	1.56919	3
	Total	4.8699	2.16434	9
72 jam	1 cm	2.0673	1.17152	3
	1.5 cm	1.2732	.32226	3
	2 cm	2.1527	.34208	3
	Total	1.8310	.75813	9
Total	1 cm	3.6404	1.68375	12
	1.5 cm	4.8848	3.33551	12
	2 cm	3.6746	1.60569	12
	Total	4.0666	2.35423	36

Lampiran 7. Uji Post Hoc Two Way Anova dan Deskriptif Statistik Chewiness Manisan Pepaya Kering

Chewiness

Duncan^{a,b}

Perendaman	N	Subset	
		1	2
72 jam	9	.7174	
24 jam	9	1.1185	
12 jam	9	1.7652	
0 jam	9		3.4186
Sig.		.072	1.000

Means for groups in homogeneous subsets are displayed.

Based on Type III Sum of Squares

The error term is Mean Square(Error) = 1.261.

a. Uses Harmonic Mean Sample Size = 9.000.

b. Alpha = .05.

Chewiness

Duncan^{a,b}

Ketebalan	N	Subset
		1
1.5 cm	12	1.4694
1 cm	12	1.6402
2 cm	12	2.1552
Sig.		.170

Means for groups in homogeneous subsets are displayed.

Based on Type III Sum of Squares

The error term is Mean Square(Error) = 1.261.

a. Uses Harmonic Mean Sample Size = 12.000.

b. Alpha = .05.

Descriptive Statistics

Dependent Variable: Chewiness

Perendaman	Ketebalan	Mean	Std. Deviation	N
0 jam	1 cm	3.9793	1.34188	3
	1.5 cm	3.4002	1.90761	3
	2 cm	2.8764	1.89502	3
	Total	3.4186	1.57669	9
12 jam	1 cm	.6501	.78080	3
	1.5 cm	.8473	.65416	3
	2 cm	3.7984	1.50574	3
	Total	1.7652	1.77725	9
24 jam	1 cm	1.5424	.44398	3
	1.5 cm	1.5015	.94200	3
	2 cm	.3115	.53699	3
	Total	1.1185	.84250	9
72 jam	1 cm	.3891	.45057	3
	1.5 cm	.1286	.15736	3
	2 cm	1.6345	1.09387	3
	Total	.7174	.91755	9
Total	1 cm	1.6402	1.64318	12
	1.5 cm	1.4694	1.58688	12
	2 cm	2.1552	1.79285	12
	Total	1.7549	1.65458	36

Lampiran 8. Lembar Kuisisioner Analisa Sensoris Manisan Pepaya Kering

KUESIONER UJI ORGANOLEPTIK MANISAN PEPAYA KERING

Nama :

Umur :

Jenis Kelamin :

Dihadapan anda tersedia 12 jenis sampel manisan pepaya kering, anda diminta untuk memberikan penilaian terhadap warna, aroma, tekstur, rasa, dan *overall* anda terhadap masing-masing sampel tersebut. Penilaian diberikan dengan menuliskan angka berdasarkan parameter yang ada.

Parameter	Kode Sampel					
	269	386	531	578	421	739
Warna						
Aroma						
Tekstur						
Rasa						
<i>Overall</i>						

Parameter	Kode Sampel					
	168	649	825	936	761	183
Warna						
Aroma						
Tekstur						
Rasa						
<i>Overall</i>						

Keterangan Penilaian:

Score	Keterangan
1	Tidak Suka
2	Agak Suka
3	Suka
4	Sangat Suka
5	Sangat Suka Sekali

Terima Kasih

Lampiran 9. Waktu, Suhu Dalam STD, Suhu Luar STD dan RH

Pengambilan ke-	Jam	Suhu Dalam STD (°C)	Suhu Luar STD (°C)	RH (%)
0	14.45	28.4	25.6	68
2	09.15	30.0	29.5	71
4	11.15	51.5	29.2	60
6	09.15	38.4	25.7	75
8	11.15	47.8	28.0	64
10	13.15	66.4	30.4	54
12	09.30	31.0	29.2	66
14	11.30	63.0	31.5	53
16	12.00	65.4	31.2	58
18	10.15	59.1	29.4	57
20	12.15	85.0	32.0	45
22	14.15	110	33.2	55

