

## 7. LAMPIRAN

### 7.1. Lampiran 1 (Seleksi Produk)

#### 1. Alat Penentu Peringkat Gagasan Produk *Pastry* Ubi Jalar Ungu

Persyaratan Keberhasilan Produk	(1) Bobot Relatif	(2) Peringkat Produk	(3 = 1x2) Nilai Produk
Produk yang unik atau unggul	0,3	0,6	0,18
Ketersediaan teknologi	0,3	0,4	0,12
Umur simpan	0,1	0,4	0,04
Kompetisi	0,1	0,5	0,10
Strategi pasar	<u>0,2</u>	0,5	<u>0,10</u>
Total	1,0		0,54

#### 2. Alat Penentu Peringkat Gagasan Produk *Mie Instan* Ubi Jalar Ungu

Persyaratan Keberhasilan Produk	(1) Bobot Relatif	(2) Peringkat Produk	(3 = 1x2) Nilai Produk
Produk yang unik atau unggul	0,4	0,8	0,32
Ketersediaan teknologi	0,2	0,7	0,14
Umur simpan	0,2	0,6	0,12
Kompetisi	0,1	0,3	0,03
Strategi pasar	<u>0,1</u>	0,3	<u>0,03</u>
Total	1,0		0,64

#### 3. Alat Penentu Peringkat Gagasan Produk *Roti Manis* Ubi Jalar Ungu

Persyaratan Keberhasilan Produk	(1) Bobot Relatif	(2) Peringkat Produk	(3 = 1x2) Nilai Produk
Produk yang unik atau unggul	0,4	0,6	0,24
Ketersediaan teknologi	0,2	0,6	0,12
Umur simpan	0,2	0,6	0,12
Kompetisi	0,1	0,3	0,03
Strategi pasar	<u>0,1</u>	0,2	<u>0,02</u>
Total	1,0		0,53

#### 4. Alat Penentu Peringkat Gagasan Produk *Cookies* Ubi Jalar Ungu

Persyaratan Keberhasilan Produk	(1) Bobot Relatif	(2) Peringkat Produk	(3 = 1x2) Nilai Produk
Produk yang unik atau unggul	0,3	0,6	0,18
Ketersediaan teknologi	0,2	0,7	0,14
Umur simpan	0,1	0,2	0,02
Kompetisi	0,2	0,4	0,08
Strategi pasar	<u>0,2</u>	0,4	<u>0,08</u>
Total	1,0		0,50

Keterangan : (tingkat penerimaan minimum 0,61)

- skala peringkat 0,00-0,30 buruk
- skala peringkat 0,31-0,60 cukup
- skala peringkat 0,60-0,80 baik



• **Harga Mie Instan Goreng**

Biaya mie instan per 1000 g (1 kg)

Biaya		Kontrol		Substitusi 25%		Substitusi 40%		Substitusi 55%	
Bahan Pokok	Harga / kg	Berat	Harga	Berat	Harga	Berat	Harga	Berat	Harga
Tepung Terigu Tepung	Rp 8.000,-	1000 g	Rp 8000,-	750 g	Rp 6.000	600 g	Rp 4.800,-	450 g	Rp 3.600
Ubi Jalar Ungu	Rp 12.000,-	-	-	250 g	Rp 3.000	400 g	Rp 4.800,-	550 g	Rp 6.600
Telur Ayam Buras	Rp 10.000,-	150 g	Rp 1.563,-	150 g	Rp 1.563,-	150 g	Rp 1.563,-	150 g	Rp 1.563,-
Yield		30 buah (@ 30 g)		30 buah (@ 30 g)		30 buah (@ 30 g)		30 buah (@ 30 g)	
Total Biaya		Rp 9.563		Rp 10.563,-		Rp 11.163,-		Rp 11.763,-	
Harga / 30g		Rp 321,77		Rp 352,10		Rp 372,10		Rp 392,10	
Biaya		Kontrol		Substitusi 25%		Substitusi 40%		Substitusi 55%	
Bahan kemasan	Harga / cm	Pemakaian	Harga	Pemakaian	Harga	Pemakaian	Harga	Pemakaian	Harga
Nilon / LLDPE	Rp 25	10 cm	Rp 250	10 cm	Rp 250	10 cm	Rp 250	10 cm	Rp 250
Total Harga / 30g		Rp 571,77		Rp 602,10		Rp 622,10		Rp 642,10	
Biaya		Kontrol		Substitusi 25%		Substitusi 40%		Substitusi 55%	
Bahan Habis Pakai	Harga / 30g	Harga / 30g		Harga / 30g		Harga / 30g		Harga / 30g	
Minyak*	Rp 30,-	Rp 30,-		Rp 30,-		Rp 30,-		Rp 30,-	
Bumbu**	Rp 60,-	Rp 60,-		Rp 60,-		Rp 60,-		Rp 60,-	
Gas***	Rp 10,-	Rp 10,-		Rp 10,-		Rp 10,-		Rp 10,-	
Total	Rp 100,-	Rp 100,-		Rp 100,-		Rp 100,-		Rp 100,-	
Total Harga / 30g		Rp 671,77		Rp 702,10		Rp 722,10		Rp 742,10	
Biaya Lain-lain		Kontrol		Substitusi 25%		Substitusi 40%		Substitusi 55%	
Fix Cost****		Rp 33,59		Rp 35,105		Rp 36,105		Rp 37,105	
Variable Cost****		Rp 33,59		Rp 35,105		Rp 36,105		Rp 37,105	
Total Biaya		Rp 67,18		Rp 70,21		Rp 72,21		Rp 74,21	
Total Harga / 30g		Rp 738,95		Rp 772,31		Rp 794,31		Rp 816,31	

Keterangan:

\* : Minyak (*vacuum fryer*) 30 liter, harga minyak per liter Rp 10000,- untuk 100x penggorengan maksimal 100 produk. Sehingga 1 produk seharga Rp 30,-

\*\* : Bumbu, diasumsikan seharga Rp 60,- / produk

\*\*\* : Gas Rp 40000,- / 8 kg, seharga Rp 1000,-/jam sedangkan dalam 1 jam (termasuk mengukus) dapat menggoreng 100 produk (awal, dan jumlahnya terus bertambah tiap jamnya). Sehingga tambahan biaya gas bisa dikatakan (maksimal) Rp 10,-

\*\*\*\* : Diasumsikan 10% dari total biaya bahan pokok.

• **Harga Mie Instan Kering**

Biaya mie instan per 1000 g (1 kg)

Biaya		Kontrol		Substitusi 25%		Substitusi 40%		Substitusi 55%	
Bahan Pokok	Harga / kg	Berat	Harga	Berat	Harga	Berat	Harga	Berat	Harga
Tepung Terigu Tepung	Rp 8.000,-	1000 g	Rp 8000,-	750 g	Rp 6.000	600 g	Rp 4.800,-	450 g	Rp 3.600
Ubi Jalar Ungu	Rp 12.000,-	-	-	250 g	Rp 3.000	400 g	Rp 4.800,-	550 g	Rp 6.600
Telur Ayam Buras	Rp 10.000,-	150 g	Rp 1.563,-	150 g	Rp 1.563,-	150 g	Rp 1.563,-	150 g	Rp 1.563,-
Yield		30 buah (@ 30 g)		30 buah (@ 30 g)		30 buah (@ 30 g)		30 buah (@ 30 g)	
Total Biaya		Rp 9.563		Rp 10.563,-		Rp 11.163,-		Rp 11.763,-	
Harga / 30g		Rp 321,77		Rp 352,10		Rp 372,10		Rp 392,10	
Biaya		Kontrol		Substitusi 25%		Substitusi 40%		Substitusi 55%	
Bahan kemasan	Harga / cm	Pemakaian	Harga	Pemakaian	Harga	Pemakaian	Harga	Pemakaian	Harga
Nilon / LLDPE	Rp 25	10 cm	Rp 250	10 cm	Rp 250	10 cm	Rp 250	10 cm	Rp 250
Total Harga / 30g		Rp 571,77		Rp 602,10		Rp 622,10		Rp 642,10	
Biaya		Kontrol		Substitusi 25%		Substitusi 40%		Substitusi 55%	
Bahan Habis Pakai	Harga / 30g	Harga / 30g		Harga / 30g		Harga / 30g		Harga / 30g	
Bumbu*	Rp 60,-	Rp 60,-		Rp 60,-		Rp 60,-		Rp 60,-	
Gas**	Rp 10,-	Rp 10,-		Rp 10,-		Rp 10,-		Rp 10,-	
Total	Rp 70,-	Rp 70,-		Rp 70,-		Rp 70,-		Rp 70,-	
Total Harga / 30g		Rp 641,77		Rp 672,10		Rp 692,10		Rp 712,10	
Biaya Lain-lain		Kontrol		Substitusi 25%		Substitusi 40%		Substitusi 55%	
Fix Cost***	Rp 32,09	Rp 32,09		Rp 33,605		Rp 34,605		Rp 35,605	
Variable Cost***	Rp 32,09	Rp 32,09		Rp 33,605		Rp 34,605		Rp 35,605	
Total Biaya	Rp 64,18	Rp 64,18		Rp 67,21		Rp 69,21		Rp 71,21	
Total Harga / 30g		Rp 705,95		Rp 739,31		Rp 761,31		Rp 783,31	

Keterangan:

\* : Bumbu, diasumsikan seharga Rp 60,- / produk.

\*\* : Diasumsikan 10% dari total biaya bahan pokok.

\*\*\* : Gas Rp 40000,- / 8 kg , seharga Rp 1000,-/jam sedangkan dalam 1 jam (termasuk mengukus) dapat menggoreng 100 produk (awal, dan jumlahnya terus bertambah tiap jamnya). Sehingga tambahan biaya gas bisa dikatakan (maksimal) Rp 10,-

## 7.3. Lampiran 3 (SNI Mie Instan dan Departemen Perindustrian)

KW I (SNI 01-3551-1994)

No	Uraian	Satuan	Persyaratan
1	Keadaan		
	1.1. Bau		Normal
	1.2. Rasa		Normal
	1.3. Warna		Normal
2	Benda-benda asing		Tidak boleh ada
3	Keutuhan	%	Min 85
4	Uji kematangan		
	Mie:Air = 1:5 b/b	Menit	Maks 4
5	Kelembaban (kadar air)	%	Maks 8
6	Protein	%	Maks 8
7	Derajat asam	ml NaOH/100 g contoh	Maks 8
8	Bahan Tambahan Makanan		Sesuai SNI 022-M dan Permenkes 722 Menkes/Per/IX/88
9	Cemaran Logam		
	a. Timbal (Pb)	mg/kg	Maks 1.0
	b. Tembaga (Cu)	mg/kg	Maks 10,00
	c. Seng (Zn)	mg/kg	Maks 0,05
10	Arsen (As)		Tidak boleh ada
11	Cemaran mikroba		
	a. Angka Lempeng total	koloni/g	Maks $1,0 \times 10^6$
	b. Colform	APM/g	<3
	c. Kapang	koloni/g	Maks $1,0 \times 10^4$

## KW II (Departemen Perindustrian)

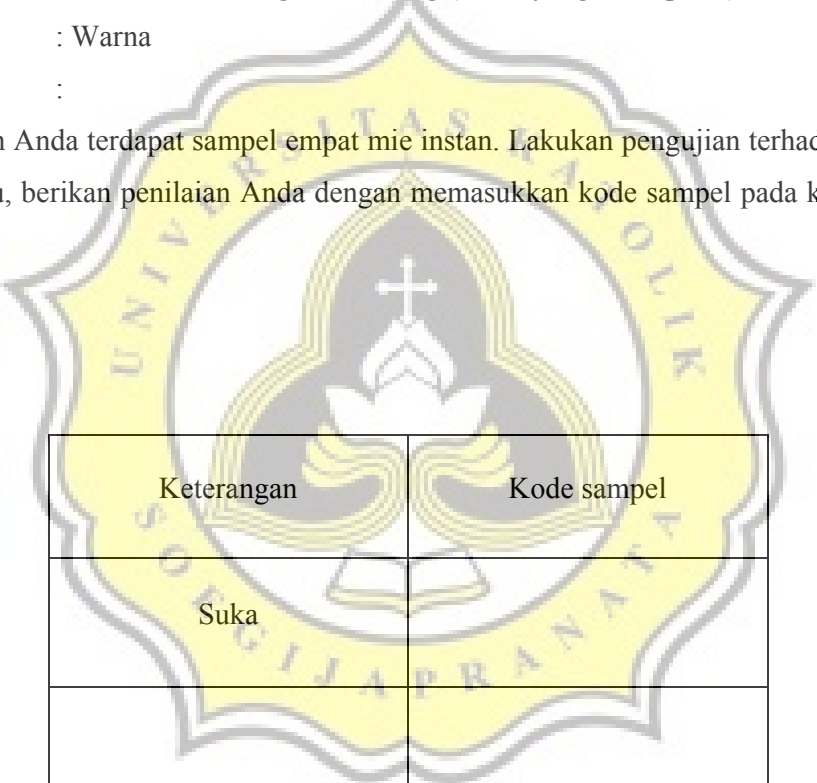
No	Uraian	Satuan	Persyaratan
1	Keadaan		
	1.4. Bau		Normal
	1.5. Rasa		Normal
	1.6. Warna		Normal
2	Benda-benda asing		Tidak boleh ada
3	Keutuhan	%	Min 90
4	Uji kematangan		
	Mie:Air = 1:5 b/b	Menit	Maks 3
5	Kelembaban (kadar air)	%	Maks 11
6	Protein	%	Maks 6
7	Derajat asam	ml NaOH/100 g contoh	Maks 3
8	Bahan Tambahan Makanan		Yang diizinkan
9	Cemaran Logam		Maks 1,0
	a.Timbal (Pb)	mg/kg	Maks 10,00
	b.Tembaga (Cu)	mg/kg	Maks 0,05
	c.Seng (Zn)	mg/kg	Maks 40,0
	d.Raksa (Hg)	mg/kg	Maks 0,5
10	Arsen (As)		
11	Cemaran mikroba		Maks $1,0 \times 10^6$
	d.Angka Lempeng total	koloni/g	Maks 10
	e.Colform	APM/g	Maks $1,0 \times 10^4$
	f.Kapang	koloni/g	

## 7.4. Lampiran 4 (Lembar Kuisisioner Mie Instan Goreng dan Kering)

**UJI RANKING**

Nama :  
Tanggal : 26 Oktober 2007  
Produk : Mie Instan Kering dan Goreng (Coret yang tidak perlu)  
Kriteria : Warna  
Instruksi :

Dihadapan Anda terdapat sampel empat mie instan. Lakukan pengujian terhadap warna. Setelah itu, berikan penilaian Anda dengan memasukkan kode sampel pada kotak kode sampel.



Keterangan	Kode sampel
Suka	
Tidak suka	

## UJI RANKING

Nama :  
Tanggal : 26 Oktober 2007  
Produk : Mie Instan Kering dan Goreng (Coret yang tidak perlu)  
Kriteria : Rasa  
Instruksi :

Dihadapan Anda terdapat sampel empat mie instan. Lakukan pengujian terhadap rasa dengan cara memakan dan merasakan kandungan ketela ungu. Setelah itu, berikan penilaian Anda dengan memasukkan kode sampel pada kotak kode sampel.

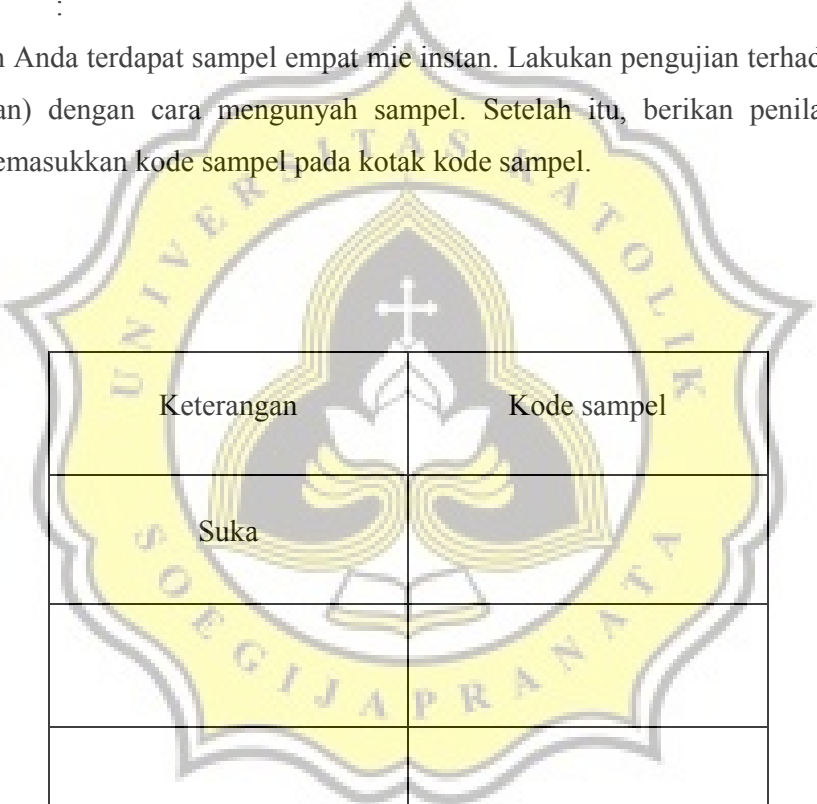
Keterangan	Kode sampel
Suka	
Tidak suka	



## UJI RANKING

Nama :  
Tanggal : 26 Oktober 2007  
Produk : Mie Instan Kering dan Goreng (Coret yang tidak perlu)  
Kriteria : Tekstur  
Instruksi :

Dihadapan Anda terdapat sampel empat mie instan. Lakukan pengujian terhadap tekstur (kekenyalan) dengan cara mengunyah sampel. Setelah itu, berikan penilaian Anda dengan memasukkan kode sampel pada kotak kode sampel.

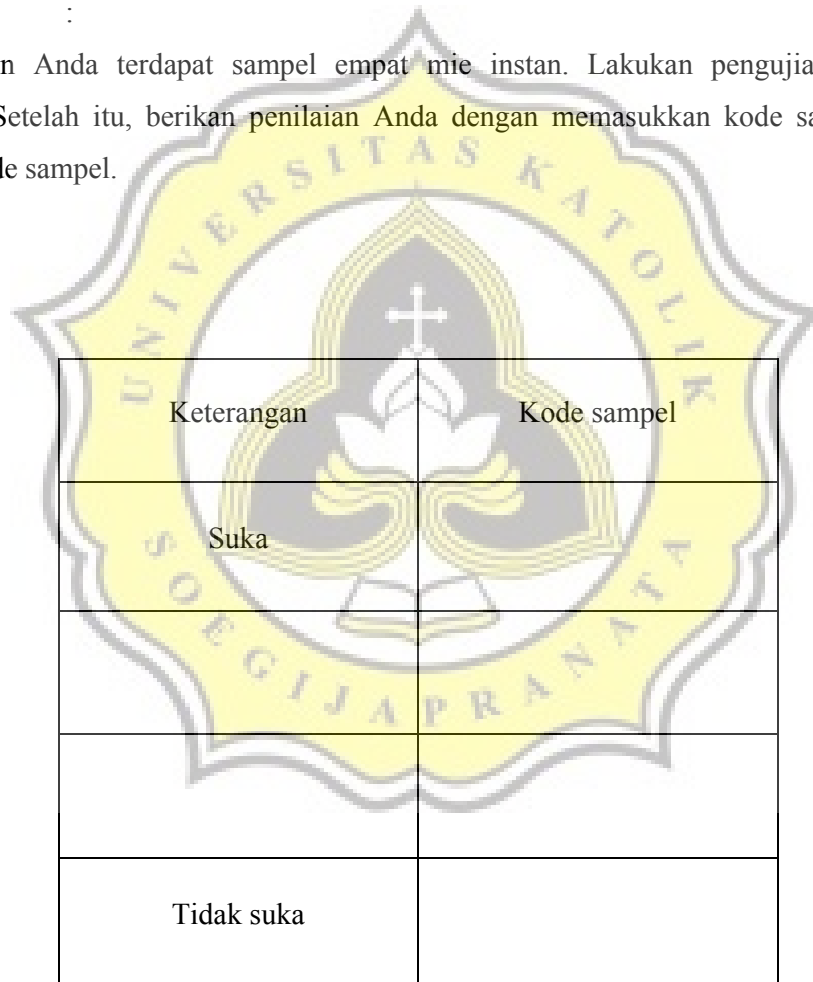


Keterangan	Kode sampel
Suka	
Tidak suka	

## UJI RANKING

Nama :  
Tanggal : 26 Oktober 2007  
Produk : Mie Instan Kering dan Goreng (Coret yang tidak perlu)  
Kriteria : *Overall*  
Instruksi :

Dihadapan Anda terdapat sampel empat mie instan. Lakukan pengujian terhadap *overall*. Setelah itu, berikan penilaian Anda dengan memasukkan kode sampel pada kotak kode sampel.



Keterangan	Kode sampel
Suka	
Tidak suka	

## 7.5. Lampiran 5 (Kuisisioner FGD)

Syarat Keberhasilan Produk	(1) Bobot Relatif	(2) Peringkat Produk	(3 = 1x2) Nilai Produk
Produk-produk yang unik atau unggul			
Teknologi yang tersedia			
Umur simpan			
Kompetisi			
Strategi pasar			
Total			



## 7.6. Lampiran 6 (Hasil penyajian mie instan)

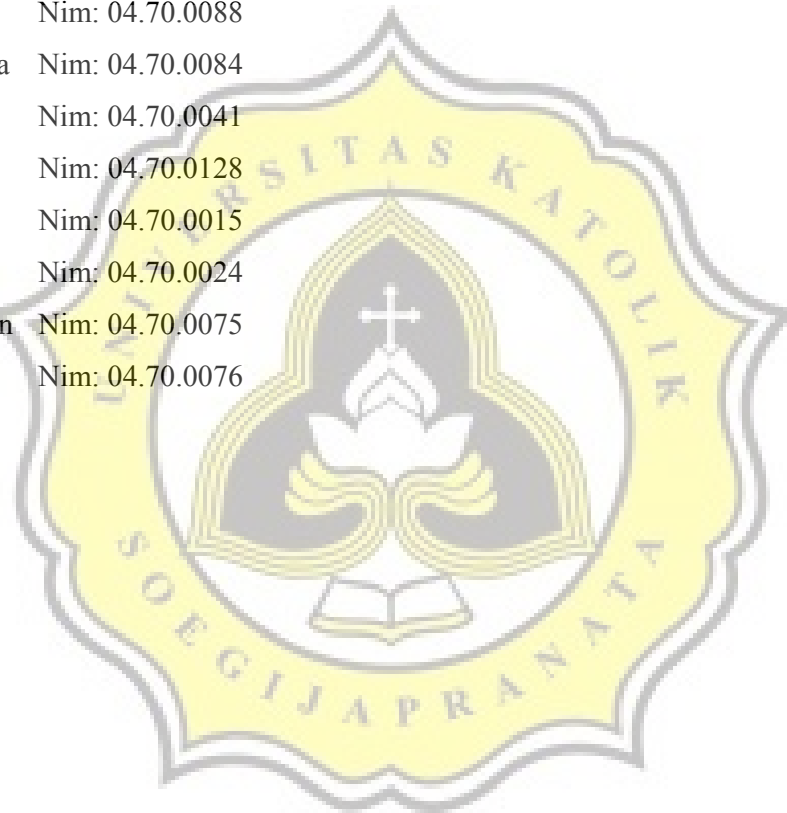
Jenis produk	Cara penyajian	Hasil	
		Penampakan	Rasa
Mie Instan Goreng	Dengan kuah	Tidak menarik	Tidak suka
	Tanpa kuah	Cukup menarik	Cukup suka
Mie Instan Kering	Dengan kuah	Tidak menarik	Tidak suka
	Tanpa kuah	Cukup menarik	Cukup suka



### 7.7. Lampiran 7 (FGD)

Pada tahap seleksi produk menggunakan metoda daftar penilaian (*scoring*) yang menyangkut penyusunan suatu daftar faktor-faktor penimbang dengan setiap faktor diberi bobot. Penentuan nilai pada metoda ini berdasarkan *Focus Group Discussion* (FGD), menggunakan 10 orang, yakni:

1. Edwin     Nim: 06.70.0158
2. Novita    Nim: 04.70.0021
3. Danny     Nim: 04.70.0088
4. Meiliana  Nim: 04.70.0084
5. Desi       Nim: 04.70.0041
6. Ayu        Nim: 04.70.0128
7. Karina     Nim: 04.70.0015
8. Ella        Nim: 04.70.0024
9. Christian  Nim: 04.70.0075
10. Evelin    Nim: 04.70.0076

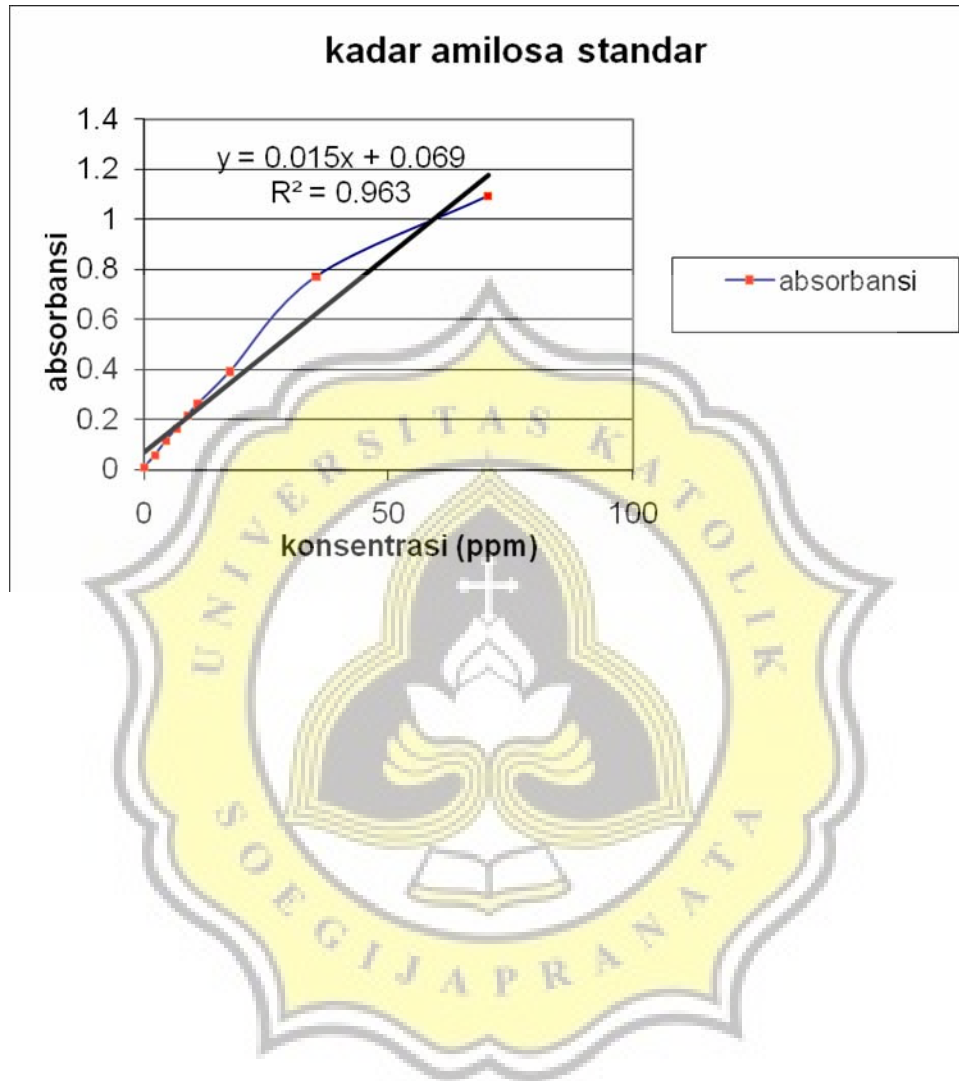


## 7.8. Lampiran 8 (Aktivitas Antioksidan Terhadap Proses Pengolahan)

Produk	Proses Pengolahan	Aktivitas Antioksidan (%inhibition)
Ubi jalar mentah	-	$\pm$ 45-50%
Tepung ubi jalar ungu	Pengeringan STD	23,68%
Mie instan goreng	Penggorengan <i>vacuum</i>	9,85-13,62%
Mie instan kering	Pengeringan STD	9,95-15,33%

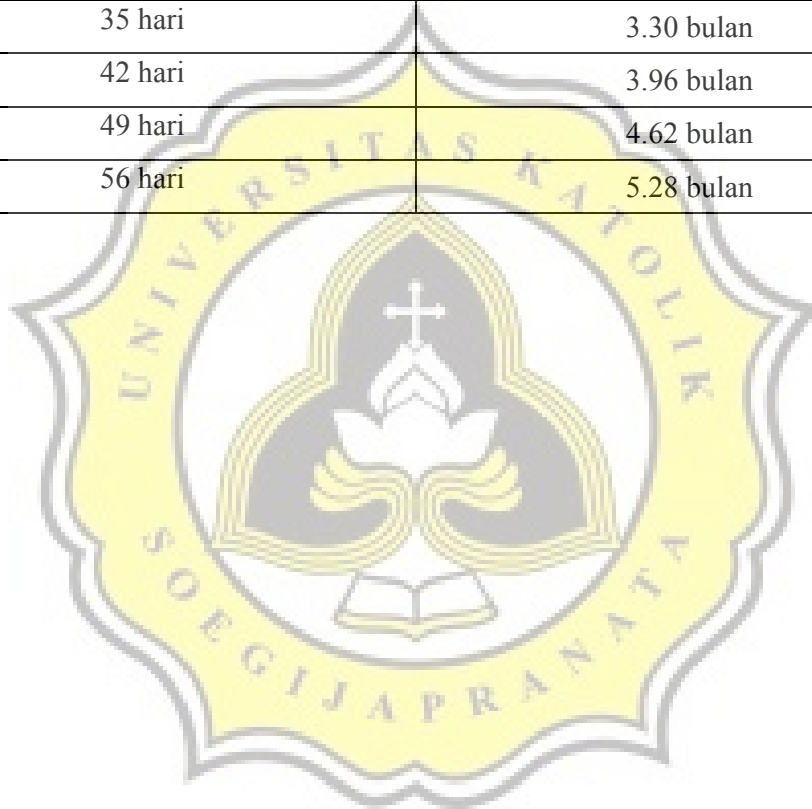


## 7.9. Lampiran 9 (Kurva Standar Amilosa)



## 7.10. Lampiran 10 (Tabel Konversi Umur Simpan)

Q <sub>10</sub>	
T = 40°C	T = 25°C
0 hari	0 bulan
7 hari	0.66 bulan
14 hari	1.32 bulan
21 hari	1.98 bulan
28 hari	2.64 bulan
35 hari	3.30 bulan
42 hari	3.96 bulan
49 hari	4.62 bulan
56 hari	5.28 bulan





7.11. Lampiran 11(Hasil Pengujian *Texture Analyser*)

Sample Information	Speed (mm/s)	Height (mm)	Width (mm)	Span (mm)	Max Load (N)	Max Bending Stress at Maximum Load (MPa)	Max Bending Strain at Maximum Load	Max Bending Stress at Maximum Deflection (MPa)	Max Bending Strain at Maximum Deflection	Ductility (mm)	Toughness (MPa)	Secant Modulus (MPa)	Young's Modulus of Bending (kgf/cm <sup>2</sup> )	Flexural Rigidity (Nmm <sup>2</sup> )	Elastic Strength (kgf/cm <sup>2</sup> )	Resilience (J)
mie goreng	5	10	10	10	2.28887	0.034333	0.942355	0.031798	0.945657	1.5756	0.0007		1.739	142.2		
mie goreng	5	10	10	10	2.48708	0.037306	1.056289	0.034186	1.056309				9.364	765.52		
mie goreng	5	10	10	10	1.684959	0.025274	0.042612	0.024413	0.042716				7.902	645.98		
mie goreng	5	10	10	10	14.03788	0.210568	0.644879	0.197577	0.653627				450.5	36826		
mie goreng	5	10	10	10	0.826791	0.012402	0.790387	0.003043	3.164541			0.009	1.545	126.29		
mie goreng	5	10	10	10	0.672642	0.01009	1.298699	0.003746	3.154455	3.9847	0.0015	0.008	283	23133		
mie goreng	5	10	10	10	0.603183	0.009048	3.030702	0.007013	3.134955	5.0512	0.0018	0.005	2.504	204.7		
mie kering	5	10	10	2	0.681719	0.002045	14.12855	0.000106	69.22849	2.4894	0.0063	5E-05	0.008	0.6517		
mie kering	5	10	10	2	0.870686	0.002612	21.08432	0.000688	73.44495	4.4135	0.0104	7E-05	0.009	0.7078		
mie kering	5	10	10	2	0.969821	0.002909	36.79732	0.000532	78.43617	5.098	0.008	5E-05	0.005	0.4318		
mie kering	5	10	10	2	2.298378	0.006895	44.48169	2.92E-05	78.7796			7E-05	0.004	0.3198		
mie kering	5	10	10	2	0.616171	0.001849	33.97124	0.000727	78.51347	5.2342	0.0073	6E-05	0.005	0.4166		
mie kering	5	10	10	2	0.353287	0.00106	23.64407	0.000669	73.07862	4.7455	0.0045	3E-05	5.127	419.11		
mie kering	5	10	10	2	0.471547	0.001415	20.89237	0.000259	78.09089	4.7539	0.0055	3E-05	5.863	479.27		
mie kering	5	10	10	2	0.899375	0.002698	38.70512	0.000704	78.77565	4.5667	0.0129	8E-05	2.153	175.97		

## 7.12. Lampiran 12 (Hasil Pengujian Protein Umur Simpan)

## a. Mie Instan Goreng

Hari ke-	Protein (%)			
	A	B	C	D
0	9,59 ± 0,37 <sup>c</sup>	8,96 ± 0,22 <sup>bc</sup>	8,15 ± 0,46 <sup>abc</sup>	7,46 ± 0,37 <sup>ab</sup>
56	9,21 ± 2,37 <sup>bc</sup>	8,13 ± 2,22 <sup>abc</sup>	7,79 ± 1,66 <sup>ab</sup>	7,13 ± 1,00 <sup>a</sup>

Keterangan:

Perlakuan:

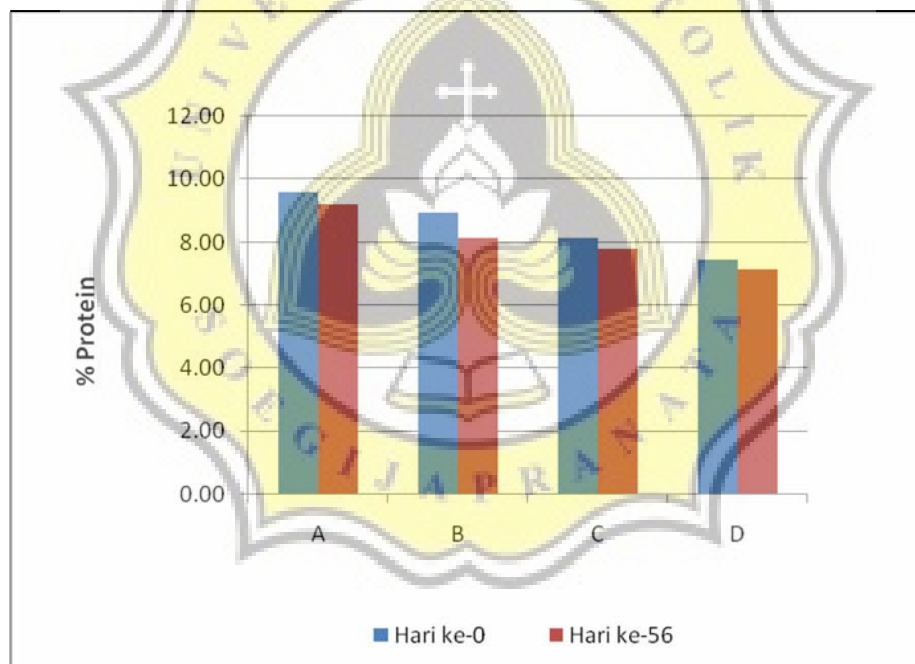
A : mie instan dengan komposisi 100% tepung terigu (kontrol)

B : mie instan dengan komposisi tepung terigu 75% ; tepung ubi jalar ungu 25%

C : mie instan dengan komposisi tepung terigu 60% ; tepung ubi jalar ungu 40%

D : mie instan dengan komposisi tepung terigu 45% ; tepung ubi jalar ungu 55%

- Semua nilai merupakan *Mean ± Standard Deviation*
- Tanda *superscript* yang berbeda menunjukkan adanya perbedaan nyata ( $\leq 0.05$ ) pada tingkat kepercayaan 95% dengan menggunakan uji Duncan.
- Tabel konversi hari dapat dilihat pada Lampiran 10.



## b. Mie Instan Kering

Hari ke-	Protein (%)			
	A	B	C	D
0	10,35 ± 0,63 <sup>e</sup>	9,64 ± 0,85 <sup>de</sup>	8,67 ± 0,31 <sup>bcd</sup>	7,94 ± 0,39 <sup>ab</sup>
56	10,27 ± 1,29 <sup>e</sup>	9,34 ± 1,53 <sup>cde</sup>	8,37 ± 0,41 <sup>abc</sup>	7,50 ± 0,91 <sup>a</sup>

Keterangan:

Perlakuan:

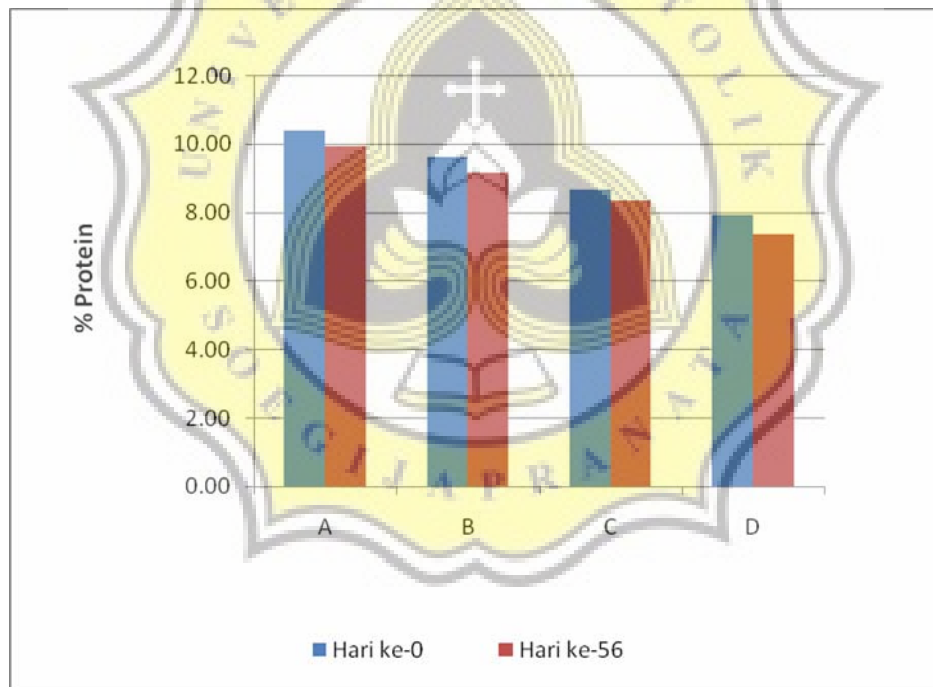
A : mie instan dengan komposisi 100% tepung terigu (kontrol)

B : mie instan dengan komposisi tepung tepung terigu 75% ; tepung ubi jalar ungu 25%

C : mie instan dengan komposisi tepung tepung terigu 60% ; tepung ubi jalar ungu 40%

D : mie instan dengan komposisi tepung tepung terigu 45% ; tepung ubi jalar ungu 55%

- Semua nilai merupakan *Mean ± Standard Deviation*
- Tanda *superscript* yang berbeda menunjukkan adanya perbedaan nyata ( $\leq 0.05$ ) pada tingkat kepercayaan 95% dengan menggunakan uji Duncan.
- Tabel konversi hari dapat dilihat pada Lampiran 10.



## 7.13. Lampiran 13 (Hasil SPSS)

**TEPUNG****Tests of Normality**

perlakuan	Kolmogorov-Smirnov <sup>a</sup>			Shapiro-Wilk			
	Statistic	df	Sig.	Statistic	df	Sig.	
KH	tepung terigu	,178	6	,200*	,916	6	,477
	tepung ketela ungu	,221	6	,200*	,865	6	,207
Abu	tepung terigu	,268	6	,200*	,903	6	,394
	tepung ketela ungu	,202	6	,200*	,934	6	,613
Antioksidan	tepung terigu	,227	6	,200*	,877	6	,257
	tepung ketela ungu	,212	6	,200*	,864	6	,204
KA	tepung terigu	,240	6	,200*	,848	6	,152
	tepung ketela ungu	,206	6	,200*	,977	6	,938
Lemak	tepung terigu	,192	6	,200*	,931	6	,588
	tepung ketela ungu	,176	6	,200*	,943	6	,683
Protein	tepung terigu	,224	6	,200*	,874	6	,241
	tepung ketela ungu	,210	6	,200*	,909	6	,432
Serat	tepung terigu	,164	6	,200*	,939	6	,654
	tepung ketela ungu	,216	6	,200*	,890	6	,319
Amilosa	tepung terigu	,185	6	,200*	,918	6	,494
	tepung ketela ungu	,158	6	,200*	,977	6	,938

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

a. Lilliefors Significance Correction

## Descriptives

		N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum	Between-Component Variance
						Lower Bound	Upper Bound			
KH	tepung terigu	6	65,8333	,84939	,34676	64,9420	66,7247	64,95	67,22	64,18158
	tepung ketela ungu	6	77,1755	,98391	,40168	76,1429	78,2081	75,95	78,26	
	Total	12	71,5044	5,98773	1,72851	67,7000	75,3088	64,95	78,26	
	Model									
	Fixed Effects					70,9132	72,0956			
	Random Effects					5,67108	143,5624			
Abu	tepung terigu	6	2,7150	,21249	,08675	2,4920	2,9380	2,47	3,10	1,77850
	tepung ketela ungu	6	,8267	,08779	,03584	,7345	,9188	,73	,95	
	Total	12	1,7708	,99826	,28817	1,1366	2,4051	,73	3,10	
	Model									
	Fixed Effects					1,6663	1,8754			
	Random Effects					-10,2259	13,7676			
Antioksidan	tepung terigu	6	,9983	,78109	,31888	,1786	1,8180	,29	2,39	256,73313
	tepung ketela ungu	6	23,6750	1,99489	,81441	21,5815	25,7685	20,93	25,52	
	Total	12	12,3367	11,93026	3,44397	4,7565	19,9168	,29	25,52	
	Model									
	Fixed Effects					11,3623	13,3110			
	Random Effects					-131,7305	156,4039			
KA	tepung terigu	6	11,3467	,89812	,36666	10,4041	12,2892	10,51	12,61	-0,8288
	tepung ketela ungu	6	11,0041	,94451	,38560	10,0129	11,9953	9,60	12,31	
	Total	12	11,1754	,89675	,25887	10,6056	11,7451	9,60	12,61	
	Model									
	Fixed Effects					10,5826	11,7682			
	Random Effects					2,6605 <sup>a</sup>	7,7949 <sup>a</sup>			
Lemak	tepung terigu	6	3,9300	,67031	,27365	3,2265	4,6335	3,15	4,90	1,93398
	tepung ketela ungu	6	1,9350	,47235	,19283	1,4393	2,4307	1,25	2,47	
	Total	12	2,9325	1,17945	,34048	2,1831	3,6819	1,25	4,90	
	Model									
	Fixed Effects					2,5595	3,3055			
	Random Effects					,99750	15,6069			
Protein	tepung terigu	6	12,0617	,22185	,09057	11,8289	12,2945	11,86	12,39	29,98354
	tepung ketela ungu	6	4,3150	,46190	,18857	3,8303	4,7997	3,75	4,85	
	Total	12	8,1883	4,06029	1,17210	5,6085	10,7681	3,75	12,39	
	Model									
	Fixed Effects					7,9553	8,4214			
	Random Effects					3,87333	57,4037			
Serat	tepung terigu	6	5,6050	,99180	,40490	4,5642	6,6458	4,05	6,70	6,85222
	tepung ketela ungu	6	9,3383	,64524	,26342	8,6612	10,0155	8,75	10,40	
	Total	12	7,4717	2,10656	,60811	6,1332	8,8101	4,05	10,40	
	Model									
	Fixed Effects					6,9335	8,0098			
	Random Effects					1,86667	31,1899			
Amilosa	tepung terigu	6	6,5758	1,17209	,47850	5,3458	7,8059	4,77	7,75	7,14452
	tepung ketela ungu	6	2,7595	,52790	,21551	2,2055	3,3135	2,06	3,59	
	Total	12	4,6677	2,17330	,62738	3,2868	6,0485	2,06	7,75	
	Model									
	Fixed Effects					2,6240	4,0830			
	Random Effects					1,90817	-19,5779			

a. Warning: Between-component variance is negative. It was replaced by 0.0 in computing this random effects measure.

## PROKSIMAT

### Mie Instan Goreng

Tests of Normality<sup>a</sup>

perlakuan	Kolmogorov-Smirnov			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
KA_Goreng	0%	6	.200*	.977	6	.936
	25%	6	.200*	.925	6	.544
	40%	6	.200*	.929	6	.573
	55%	6	.200*	.924	6	.532
ABUgoreng	0%	6	.200*	.897	6	.355
	25%	6	.200*	.897	6	.358
	40%	6	.200*	.913	6	.458
	55%	6	.200*	.936	6	.623
lemakGoreng	0%	6	.093	.881	6	.274
	25%	6	.200*	.942	6	.673
	40%	6	.200*	.942	6	.679
	55%	6	.200*	.905	6	.406
seratGoreng	0%	6	.200*	.937	6	.634
	25%	6	.200*	.803	6	.063
	40%	6	.200*	.918	6	.488
	55%	6	.200*	.824	6	.095
ProteinMieGoreng	0%	6	.200*	.908	6	.421
	25%	6	.200*	.970	6	.890
	40%	6	.200*	.866	6	.209
	55%	6	.200*	.859	6	.187
KH_Goreng	0%	6	.200*	.977	6	.933
	25%	6	.200*	.991	6	.992
	40%	6	.200*	.970	6	.892
	55%	6	.200*	.875	6	.245
Antioksidan_goreng	0%	6	.200*	.948	6	.723
	25%	6	.200*	.974	6	.918
	40%	6	.200*	.911	6	.444
	55%	6	.200*	.988	6	.985

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

a. Lilliefors Significance Correction

## Descriptives

		N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
						Lower Bound	Upper Bound		
KA_Goreng	0%	6	4.1933	.09668	.03947	4.0919	4.2948	4.06	4.32
	25%	6	4.2433	.04803	.01961	4.1929	4.2937	4.19	4.31
	40%	6	4.2800	.10354	.04227	4.1713	4.3887	4.13	4.39
	55%	6	4.1583	.15118	.06172	3.9997	4.3170	4.00	4.41
	Total	24	4.2188	.10995	.02244	4.1723	4.2652	4.00	4.41
ABUgoreng	0%	6	2.1283	.20410	.08332	1.9141	2.3425	1.91	2.40
	25%	6	1.9483	.12465	.05089	1.8175	2.0791	1.82	2.17
	40%	6	1.6550	.27282	.11138	1.3687	1.9413	1.20	1.95
	55%	6	1.3100	.04858	.01983	1.2590	1.3610	1.25	1.37
	Total	24	1.7604	.35982	.07345	1.6085	1.9124	1.20	2.40
lemakGoreng	0%	6	1.7500	.46221	.18870	1.2649	2.2351	1.26	2.43
	25%	6	5.5233	.34938	.14263	5.1567	5.8900	4.93	5.91
	40%	6	5.0933	.34285	.13997	4.7335	5.4531	4.71	5.63
	55%	6	4.6317	.51242	.20920	4.0939	5.1694	4.12	5.38
	Total	24	4.2496	1.55966	.31837	3.5910	4.9082	1.26	5.91
seratGoreng	0%	6	9.0600	.28270	.11541	8.7633	9.3567	8.76	9.52
	25%	6	10.1450	.94836	.38717	9.1498	11.1402	9.43	11.88
	40%	6	11.3650	1.30381	.53228	9.9967	12.7333	9.89	13.03
	55%	6	12.7483	.96057	.39215	11.7403	13.7564	10.94	13.54
	Total	24	10.8296	1.66054	.33896	10.1284	11.5308	8.76	13.54
ProteinMieGoreng	0%	6	9.5867	.37409	.15272	9.1941	9.9793	9.00	9.96
	25%	6	8.9550	.22107	.09025	8.7230	9.1870	8.59	9.24
	40%	6	8.1517	.45547	.18595	7.6737	8.6297	7.66	8.66
	55%	6	7.4567	.37076	.15136	7.0676	7.8458	7.03	7.86
	Total	24	8.5375	.89008	.18169	8.1617	8.9133	7.03	9.96
KH_Goreng	0%	6	64.1550	.55824	.22790	63.5692	64.7408	63.46	64.96
	25%	6	60.7050	.32303	.13188	60.3660	61.0440	60.28	61.20
	40%	6	60.0400	.35536	.14507	59.6671	60.4129	59.46	60.50
	55%	6	59.8900	1.13217	.46220	58.7019	61.0781	58.81	61.96
	Total	24	61.1975	1.88071	.38390	60.4033	61.9917	58.81	64.96
Antioksidan_goreng	0%	6	.9517	.34649	.14145	.5880	1.3153	.57	1.53
	25%	6	9.8500	1.68111	.68631	8.0858	11.6142	7.65	12.17
	40%	6	11.6800	1.22478	.50001	10.3947	12.9653	10.22	13.22
	55%	6	13.6167	.56376	.23015	13.0250	14.2083	12.78	14.47
	Total	24	9.0246	5.05522	1.03189	6.8900	11.1592	.57	14.47

**Antioksidan\_goreng**

Duncan<sup>a</sup>

perlakuan	N	Subset for alpha = .05			
		1	2	3	4
0%	6	.9517			
25%	6		9.8500		
40%	6			11.6800	
55%	6				13.6167
Sig.		1.000	1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 6.000.

**KA\_Goreng**

Duncan<sup>a</sup>

perlakuan	N	Subset for alpha = .05
		1
55%	6	4.1583
0%	6	4.1933
25%	6	4.2433
40%	6	4.2800
Sig.		.083

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 6.000.

**ABUgoreng**

Duncan<sup>a</sup>

perlakuan	N	Subset for alpha = .05		
		1	2	3
55%	6	1.3100		
40%	6		1.6550	
25%	6			1.9483
0%	6			2.1283
Sig.		1.000	1.000	.104

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 6.000.

**lemakGoreng**

Duncan<sup>a</sup>

perlakuan	N	Subset for alpha = .05		
		1	2	3
0%	6	1.7500		
55%	6		4.6317	
40%	6		5.0933	5.0933
25%	6			5.5233
Sig.		1.000	.073	.094

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 6.000.



**seratGoreng**

Duncan<sup>a</sup>

perlakuan	N	Subset for alpha = .05		
		1	2	3
0%	6	9.0600		
25%	6	10.1450		
40%	6		11.3650	
55%	6			12.7483
Sig.		.062	1.000	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 6.000.

**ProteinMieGoreng**

Duncan<sup>a</sup>

perlakuan	N	Subset for alpha = .05			
		1	2	3	4
55%	6	7.4567			
40%	6		8.1517		
25%	6			8.9550	
0%	6				9.5867
Sig.		1.000	1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 6.000.

**KH\_Goreng**

Duncan<sup>a</sup>

perlakuan	N	Subset for alpha = .05	
		1	2
55%	6	59.8900	
40%	6	60.0400	
25%	6	60.7050	
0%	6		64.1550
Sig.		.060	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 6.000.

**Mie Instan Kering**

## Tests of Normality

perlakuan	Kolmogorov-Smirnov <sup>a</sup>			Shapiro-Wilk			
	Statistic	df	Sig.	Statistic	df	Sig.	
KA_Kering	0%	.161	6	.200*	.976	6	.928
	25%	.237	6	.200*	.824	6	.095
	40%	.153	6	.200*	.992	6	.994
	55%	.311	6	.071	.877	6	.256
ABUKering	0%	.251	6	.200*	.944	6	.690
	25%	.270	6	.195	.921	6	.515
	40%	.167	6	.200*	.982	6	.960
	55%	.185	6	.200*	.946	6	.706
LemakKering	0%	.254	6	.200*	.860	6	.189
	25%	.217	6	.200*	.920	6	.505
	40%	.228	6	.200*	.952	6	.755
	55%	.215	6	.200*	.905	6	.406
seratKering	0%	.317	6	.060	.855	6	.174
	25%	.143	6	.200*	.978	6	.939
	40%	.210	6	.200*	.956	6	.791
	55%	.293	6	.118	.842	6	.137
ProteinMieKering	0%	.150	6	.200*	.945	6	.701
	25%	.228	6	.200*	.896	6	.350
	40%	.174	6	.200*	.928	6	.565
	55%	.206	6	.200*	.920	6	.507
KH_Kering	0%	.196	6	.200*	.961	6	.828
	25%	.159	6	.200*	.969	6	.885
	40%	.129	6	.200*	.997	6	.999
	55%	.265	6	.200*	.858	6	.181
Antioksidan_kering	0%	.188	6	.200*	.974	6	.916
	25%	.190	6	.200*	.912	6	.450
	40%	.202	6	.200*	.964	6	.850
	55%	.229	6	.200*	.927	6	.555

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

a. Lilliefors Significance Correction

## Descriptives

		N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
						Lower Bound	Upper Bound		
						KA_Kering	0%		
	25%	6	5.8717	.43970	.17951	5.4102	6.3331	5.32	6.29
	40%	6	5.5850	.14349	.05858	5.4344	5.7356	5.37	5.78
	55%	6	5.7483	.10342	.04222	5.6398	5.8569	5.63	5.90
	Total	24	5.7825	.30946	.06317	5.6518	5.9132	5.32	6.49
ABUkering	0%	6	2.6633	.06439	.02629	2.5958	2.7309	2.56	2.75
	25%	6	2.1483	.11531	.04708	2.0273	2.2693	1.95	2.30
	40%	6	1.8100	.10807	.04412	1.6966	1.9234	1.65	1.97
	55%	6	1.4050	.11149	.04552	1.2880	1.5220	1.26	1.55
	Total	24	2.0067	.48092	.09817	1.8036	2.2097	1.26	2.75
LemakKering	0%	6	6.4217	.20134	.08220	6.2104	6.6330	6.13	6.61
	25%	6	5.7500	.47666	.19459	5.2498	6.2502	5.14	6.34
	40%	6	5.1700	.29940	.12223	4.8558	5.4842	4.71	5.63
	55%	6	4.6317	.51242	.20920	4.0939	5.1694	4.12	5.38
	Total	24	5.4933	.77313	.15782	5.1669	5.8198	4.12	6.61
seratKering	0%	6	7.2800	.33716	.13765	6.9262	7.6338	6.97	7.81
	25%	6	8.0000	.57404	.23435	7.3976	8.6024	7.13	8.70
	40%	6	8.9883	.25624	.10461	8.7194	9.2572	8.58	9.29
	55%	6	10.0117	.51250	.20923	9.4738	10.5495	9.37	10.53
	Total	24	8.5700	1.12891	.23044	8.0933	9.0467	6.97	10.53
ProteinMieKering	0%	6	10.3533	.63004	.25721	9.6922	11.0145	9.64	11.24
	25%	6	9.6417	.84731	.34591	8.7525	10.5309	8.79	10.99
	40%	6	8.6733	.30852	.12595	8.3496	8.9971	8.35	9.21
	55%	6	7.9367	.38929	.15893	7.5281	8.3452	7.41	8.38
	Total	24	9.1513	1.08634	.22175	8.6925	9.6100	7.41	11.24
KH_Kering	0%	6	66.3517	.91088	.37186	65.3958	67.3076	65.12	67.51
	25%	6	66.4467	1.02987	.42044	65.3659	67.5274	64.83	67.72
	40%	6	67.5533	1.41363	.57711	66.0698	69.0368	65.51	69.59
	55%	6	67.6133	.72323	.29526	66.8543	68.3723	67.00	68.83
	Total	24	66.9913	1.15175	.23510	66.5049	67.4776	64.83	69.59
Antioksidan_kering	0%	6	1.0100	.34774	.14196	.6451	1.3749	.57	1.55
	25%	6	9.2117	1.37626	.56186	7.7674	10.6560	7.65	10.95
	40%	6	12.1850	1.42544	.58193	10.6891	13.6809	10.01	13.93
	55%	6	15.3317	.85913	.35074	14.4301	16.2333	14.32	16.84
	Total	24	9.4346	5.53293	1.12941	7.0982	11.7709	.57	16.84

**KA\_Kering**

Duncan<sup>a</sup>

perlakuan	N	Subset for alpha = .05
		1
40%	6	5.5850
55%	6	5.7483
25%	6	5.8717
0%	6	5.9250
Sig.		.085

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 6.000.

**ABUKering**

Duncan<sup>a</sup>

perlakuan	N	Subset for alpha = .05			
		1	2	3	4
55%	6	1.4050			
40%	6		1.8100		
25%	6			2.1483	
0%	6				2.6633
Sig.		1.000	1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 6.000.

**LemakKering**

Duncan<sup>a</sup>

perlakuan	N	Subset for alpha = .05			
		1	2	3	4
55%	6	4.6317			
40%	6		5.1700		
25%	6			5.7500	
0%	6				6.4217
Sig.		1.000	1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 6.000.

**seratKering**

Duncan<sup>a</sup>

perlakuan	N	Subset for alpha = .05			
		1	2	3	4
0%	6	7.2800			
25%	6		8.0000		
40%	6			8.9883	
55%	6				10.0117
Sig.		1.000	1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 6.000.

**KH\_Kering**

Duncan<sup>a</sup>

perlakuan	N	Subset for alpha = .05
		1
0%	6	66.3517
25%	6	66.4467
40%	6	67.5533
55%	6	67.6133
Sig.		.069

Means for groups in homogeneous subsets are displayed.  
 a. Uses Harmonic Mean Sample Size = 6.000.

**ProteinMieKering**

Duncan<sup>a</sup>

perlakuan	N	Subset for alpha = .05			
		1	2	3	4
55%	6	7.9367			
40%	6		8.6733		
25%	6			9.6417	
0%	6				10.3533
Sig.		1.000	1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.  
 a. Uses Harmonic Mean Sample Size = 6.000.

**Antioksidan\_kering**

Duncan<sup>a</sup>

perlakuan	N	Subset for alpha = .05			
		1	2	3	4
0%	6	1.0100			
25%	6		9.2117		
40%	6			12.1850	
55%	6				15.3317
Sig.		1.000	1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.  
 a. Uses Harmonic Mean Sample Size = 6.000.

**COOKING YIELD**

**Mie Instan Goreng dan Kering**

**Tests of Normality**

perlakuan	Kolmogorov-Smirnov <sup>a</sup>			Shapiro-Wilk			
	Statistic	df	Sig.	Statistic	df	Sig.	
Mie_Kering	0%	.214	6	.200*	.938	6	.643
	25%	.228	6	.200*	.909	6	.433
	40%	.173	6	.200*	.955	6	.782
	55%	.261	6	.200*	.836	6	.122
Mie_Goreng	0%	.284	6	.143	.839	6	.127
	25%	.175	6	.200*	.959	6	.813
	40%	.189	6	.200*	.963	6	.845
	55%	.277	6	.165	.853	6	.167

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

a. Lilliefors Significance Correction

**Descriptives**

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
Mie_Kering	0%	242.2233	9.34745	3.81608	232.4138	252.0329	226.67	253.33
	25%	278.1667	6.85754	2.79958	270.9701	285.3632	266.67	285.00
	40%	308.9450	9.00876	3.67781	299.4909	318.3991	298.33	321.67
	55%	320.6100	5.85360	2.38972	314.4670	326.7530	313.33	326.67
	Total	24	287.4863	31.90243	6.51206	274.0150	300.9575	226.67
Mie_Goreng	0%	257.3883	3.16360	1.29154	254.0683	260.7083	251.67	260.00
	25%	267.6100	7.58713	3.09743	259.6478	275.5722	258.33	278.33
	40%	283.6133	5.10091	2.08244	278.2603	288.9664	276.67	291.67
	55%	296.5567	11.04933	4.51087	284.9611	308.1522	276.00	306.67
	Total	24	276.2921	16.75956	3.42103	269.2151	283.3690	251.67

**Mie\_Goreng**

perlakuan	N	Subset for alpha = .05			
		1	2	3	4
Tukey HSD <sup>a</sup>					
0%	6	257.3883			
25%	6	267.6100			
40%	6		283.6133		
55%	6			296.5567	
Sig.		.107	1.000	1.000	
Duncan <sup>a</sup>					
0%	6	257.3883			
25%	6		267.6100		
40%	6			283.6133	
55%	6				296.5567
Sig.		1.000	1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 6.000.

**Mie\_Kering**

perlakuan	N	Subset for alpha = .05			
		1	2	3	4
Tukey HSD <sup>a</sup>					
0%	6	242.2233			
25%	6		278.1667		
40%	6			308.9450	
55%	6			320.6100	
Sig.		1.000	1.000	.081	
Duncan <sup>a</sup>					
0%	6	242.2233			
25%	6		278.1667		
40%	6			308.9450	
55%	6				320.6100
Sig.		1.000	1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 6.000.

**UMUR SIMPAN TBA  
Mie Instan Goreng**

**Tests of Normality**

one	Kolmogorov-Smirnov <sup>a</sup>			Shapiro-Wilk			
	Statistic	df	Sig.	Statistic	df	Sig.	
A	hari ke 0	.196	6	.200*	.976	6	.929
	hari ke 7	.226	6	.200*	.881	6	.273
	hari ke 14	.240	6	.200*	.897	6	.355
	hari ke 21	.302	6	.093	.807	6	.068
	hari ke 28	.243	6	.200*	.905	6	.402
	hari ke 35	.231	6	.200*	.879	6	.266
	hari ke 42	.178	6	.200*	.954	6	.776
	hari ke 49	.156	6	.200*	.959	6	.810
	hari ke 56	.301	6	.096	.845	6	.145
B	hari ke 0	.183	6	.200*	.950	6	.737
	hari ke 7	.192	6	.200*	.974	6	.917
	hari ke 14	.143	6	.200*	.980	6	.950
	hari ke 21	.206	6	.200*	.925	6	.540
	hari ke 28	.214	6	.200*	.891	6	.324
	hari ke 35	.192	6	.200*	.924	6	.537
	hari ke 42	.210	6	.200*	.940	6	.655
	hari ke 49	.237	6	.200*	.899	6	.369
	hari ke 56	.191	6	.200*	.969	6	.886
C	hari ke 0	.156	6	.200*	.960	6	.820
	hari ke 7	.156	6	.200*	.958	6	.807
	hari ke 14	.185	6	.200*	.911	6	.445
	hari ke 21	.180	6	.200*	.945	6	.701
	hari ke 28	.226	6	.200*	.909	6	.428
	hari ke 35	.202	6	.200*	.948	6	.721
	hari ke 42	.176	6	.200*	.940	6	.661
	hari ke 49	.194	6	.200*	.913	6	.457
	hari ke 56	.209	6	.200*	.892	6	.328
D	hari ke 0	.150	6	.200*	.963	6	.841
	hari ke 7	.211	6	.200*	.914	6	.461
	hari ke 14	.192	6	.200*	.956	6	.790
	hari ke 21	.231	6	.200*	.920	6	.503
	hari ke 28	.196	6	.200*	.897	6	.356
	hari ke 35	.200	6	.200*	.907	6	.414
	hari ke 42	.150	6	.200*	.982	6	.963
	hari ke 49	.299	6	.101	.889	6	.315
	hari ke 56	.190	6	.200*	.894	6	.342

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

a. Lilliefors Significance Correction



## Descriptives

		N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
						Lower Bound	Upper Bound		
A	hari ke 0	6	.0224	.00249	.00102	.0198	.0250	.02	.03
	hari ke 7	6	.0408	.00525	.00215	.0353	.0463	.04	.05
	hari ke 14	6	.0507	.00820	.00335	.0421	.0593	.04	.06
	hari ke 21	6	.0832	.00969	.00396	.0730	.0933	.07	.10
	hari ke 28	6	.0894	.00750	.00306	.0815	.0973	.08	.10
	hari ke 35	6	.1285	.01059	.00432	.1174	.1396	.12	.14
	hari ke 42	6	.2064	.01292	.00527	.1929	.2200	.19	.22
	hari ke 49	6	.3290	.03345	.01365	.2939	.3641	.29	.37
	hari ke 56	6	.6977	.01500	.00612	.6820	.7135	.68	.72
	Total	54	.1831	.20566	.02799	.1270	.2392	.02	.72
B	hari ke 0	6	.0217	.00337	.00138	.0182	.0252	.02	.03
	hari ke 7	6	.0326	.00725	.00296	.0250	.0402	.02	.04
	hari ke 14	6	.0473	.00938	.00383	.0375	.0572	.04	.06
	hari ke 21	6	.0612	.00753	.00307	.0532	.0691	.05	.07
	hari ke 28	6	.0786	.00934	.00381	.0688	.0884	.07	.10
	hari ke 35	6	.1214	.01155	.00472	.1093	.1335	.11	.14
	hari ke 42	6	.1641	.01049	.00428	.1531	.1751	.15	.18
	hari ke 49	6	.2081	.01235	.00504	.1952	.2211	.19	.22
	hari ke 56	6	.6371	.05219	.02131	.5823	.6918	.56	.72
	Total	54	.1525	.18374	.02500	.1023	.2026	.02	.72
C	hari ke 0	6	.0089	.00081	.00033	.0080	.0097	.01	.01
	hari ke 7	6	.0186	.00315	.00129	.0153	.0219	.01	.02
	hari ke 14	6	.0459	.00584	.00238	.0398	.0520	.04	.05
	hari ke 21	6	.0469	.00495	.00202	.0417	.0520	.04	.05
	hari ke 28	6	.0608	.00617	.00252	.0543	.0673	.05	.07
	hari ke 35	6	.1132	.01834	.00749	.0940	.1324	.09	.14
	hari ke 42	6	.1142	.00400	.00163	.1100	.1184	.11	.12
	hari ke 49	6	.1891	.00826	.00337	.1804	.1977	.18	.20
	hari ke 56	6	.5579	.07086	.02893	.4836	.6323	.49	.69
	Total	54	.1284	.16401	.02232	.0836	.1731	.01	.69
D	hari ke 0	6	.0063	.00099	.00041	.0052	.0073	.01	.01
	hari ke 7	6	.0108	.00546	.00223	.0050	.0165	.00	.02
	hari ke 14	6	.0368	.01077	.00440	.0255	.0481	.02	.05
	hari ke 21	6	.0368	.00246	.00100	.0342	.0394	.03	.04
	hari ke 28	6	.0461	.00676	.00276	.0390	.0532	.04	.05
	hari ke 35	6	.1033	.00998	.00407	.0928	.1138	.09	.11
	hari ke 42	6	.1119	.00493	.00201	.1067	.1170	.11	.12
	hari ke 49	6	.1337	.01469	.00600	.1182	.1491	.11	.15
	hari ke 56	6	.4980	.03964	.01618	.4564	.5396	.45	.55
	Total	54	.1093	.14602	.01987	.0694	.1491	.00	.55

A

Duncan<sup>a</sup>

one	N	Subset for alpha = .05						
		1	2	3	4	5	6	7
hari ke 0	6	.0224						
hari ke 7	6		.0408					
hari ke 14	6		.0507					
hari ke 21	6			.0832				
hari ke 28	6			.0894				
hari ke 35	6				.1285			
hari ke 42	6					.2064		
hari ke 49	6						.3290	
hari ke 56	6							.6977
Sig.		1.000	.241	.457	1.000	1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 6.000.

B

Duncan<sup>a</sup>

one	N	Subset for alpha = .05							
		1	2	3	4	5	6	7	8
hari ke 0	6	.0217							
hari ke 7	6	.0326	.0326						
hari ke 14	6		.0473	.0473					
hari ke 21	6			.0612	.0612				
hari ke 28	6				.0786				
hari ke 35	6					.1214			
hari ke 42	6						.1641		
hari ke 49	6							.2081	
hari ke 56	6								.6371
Sig.		.337	.198	.225	.128	1.000	1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 6.000.

C

Duncan<sup>a</sup>

one	N	Subset for alpha = .05					
		1	2	3	4	5	6
hari ke 0	6	.0089					
hari ke 7	6	.0186	.0186				
hari ke 14	6		.0459	.0459			
hari ke 21	6		.0469	.0469			
hari ke 28	6			.0608			
hari ke 35	6				.1132		
hari ke 42	6				.1142		
hari ke 49	6					.1891	
hari ke 56	6						.5579
Sig.		.501	.068	.334	.944	1.000	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 6.000.

D

Duncan<sup>a</sup>

one	N	Subset for alpha = .05				
		1	2	3	4	5
hari ke 0	6	.0063				
hari ke 7	6	.0108	.0108			
hari ke 14	6		.0368	.0368		
hari ke 21	6		.0368	.0368		
hari ke 28	6		.0461	.0461		
hari ke 35	6			.1033		
hari ke 42	6			.1119		
hari ke 49	6				.1337	
hari ke 56	6					.4980
Sig.		.615	.328	.338	1.000	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 6.000.

## Mie Instan Kering

		Kolmogorov-Smirnov <sup>a</sup>			Shapiro-Wilk		
one		Statistic	df	Sig.	Statistic	df	Sig.
A	hari ke 0	.182	6	.200*	.924	6	.537
	hari ke 7	.185	6	.200*	.952	6	.760
	hari ke 14	.238	6	.200*	.931	6	.590
	hari ke 21	.242	6	.200*	.918	6	.490
	hari ke 28	.260	6	.200*	.875	6	.248
	hari ke 35	.279	6	.159	.869	6	.221
	hari ke 42	.260	6	.200*	.836	6	.122
	hari ke 49	.187	6	.200*	.938	6	.640
	hari ke 56	.162	6	.200*	.928	6	.563
B	hari ke 0	.158	6	.200*	.981	6	.956
	hari ke 7	.194	6	.200*	.908	6	.423
	hari ke 14	.210	6	.200*	.958	6	.802
	hari ke 21	.244	6	.200*	.910	6	.437
	hari ke 28	.243	6	.200*	.905	6	.403
	hari ke 35	.193	6	.200*	.955	6	.782
	hari ke 42	.230	6	.200*	.887	6	.301
	hari ke 49	.219	6	.200*	.938	6	.641
	hari ke 56	.300	6	.097	.899	6	.371
C	hari ke 0	.183	6	.200*	.982	6	.960
	hari ke 7	.285	6	.138	.883	6	.284
	hari ke 14	.180	6	.200*	.953	6	.761
	hari ke 21	.151	6	.200*	.989	6	.987
	hari ke 28	.189	6	.200*	.937	6	.637
	hari ke 35	.177	6	.200*	.966	6	.867
	hari ke 42	.231	6	.200*	.934	6	.612
	hari ke 49	.290	6	.126	.825	6	.097
	hari ke 56	.247	6	.200*	.838	6	.125
D	hari ke 0	.132	6	.200*	.990	6	.989
	hari ke 7	.202	6	.200*	.917	6	.485
	hari ke 14	.194	6	.200*	.968	6	.878
	hari ke 21	.215	6	.200*	.949	6	.736
	hari ke 28	.260	6	.200*	.861	6	.194
	hari ke 35	.186	6	.200*	.924	6	.538
	hari ke 42	.268	6	.200*	.809	6	.070
	hari ke 49	.169	6	.200*	.947	6	.715
	hari ke 56	.166	6	.200*	.961	6	.824

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

a. Lilliefors Significance Correction



## Descriptives

		N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
						Lower Bound	Upper Bound		
						A	hari ke 0		
	hari ke 7	6	.0587	.00360	.00147	.0549	.0624	.05	.06
	hari ke 14	6	.0983	.03493	.01426	.0617	.1350	.04	.15
	hari ke 21	6	.1169	.00879	.00359	.1077	.1261	.10	.13
	hari ke 28	6	.1243	.01149	.00469	.1122	.1363	.11	.14
	hari ke 35	6	.1340	.00622	.00254	.1274	.1405	.12	.14
	hari ke 42	6	.2075	.00562	.00230	.2016	.2134	.20	.22
	hari ke 49	6	.2169	.01197	.00489	.2043	.2295	.20	.23
	hari ke 56	6	.5916	.09598	.03918	.4909	.6923	.48	.71
	Total	54	.1762	.16183	.02202	.1320	.2204	.03	.71
B	hari ke 0	6	.0345	.00172	.00070	.0327	.0363	.03	.04
	hari ke 7	6	.0560	.00634	.00259	.0494	.0627	.05	.06
	hari ke 14	6	.0753	.02783	.01136	.0461	.1045	.03	.12
	hari ke 21	6	.0844	.01265	.00516	.0711	.0976	.07	.10
	hari ke 28	6	.0917	.00970	.00396	.0815	.1018	.08	.10
	hari ke 35	6	.0989	.00356	.00146	.0952	.1026	.09	.10
	hari ke 42	6	.1745	.01685	.00688	.1568	.1922	.15	.19
	hari ke 49	6	.1950	.02115	.00863	.1728	.2172	.16	.22
	hari ke 56	6	.5457	.05349	.02184	.4895	.6018	.49	.63
	Total	54	.1507	.15091	.02054	.1095	.1918	.03	.63
C	hari ke 0	6	.0100	.00166	.00068	.0083	.0118	.01	.01
	hari ke 7	6	.0420	.00811	.00331	.0334	.0505	.03	.05
	hari ke 14	6	.0463	.00444	.00181	.0416	.0509	.04	.05
	hari ke 21	6	.0518	.00340	.00139	.0482	.0553	.05	.06
	hari ke 28	6	.0736	.00521	.00213	.0682	.0791	.07	.08
	hari ke 35	6	.0757	.00332	.00135	.0723	.0792	.07	.08
	hari ke 42	6	.1208	.01038	.00424	.1099	.1317	.11	.14
	hari ke 49	6	.1797	.01661	.00678	.1623	.1971	.16	.20
	hari ke 56	6	.5341	.05930	.02421	.4718	.5963	.47	.60
	Total	54	.1260	.15435	.02100	.0839	.1681	.01	.60
D	hari ke 0	6	.0078	.00133	.00054	.0064	.0092	.01	.01
	hari ke 7	6	.0203	.00104	.00042	.0192	.0213	.02	.02
	hari ke 14	6	.0362	.00476	.00194	.0312	.0412	.03	.04
	hari ke 21	6	.0465	.01067	.00436	.0353	.0577	.03	.06
	hari ke 28	6	.0524	.00761	.00311	.0444	.0604	.04	.06
	hari ke 35	6	.0727	.00760	.00310	.0648	.0807	.06	.08
	hari ke 42	6	.1033	.01396	.00570	.0887	.1179	.09	.12
	hari ke 49	6	.1695	.01577	.00644	.1530	.1860	.15	.19
	hari ke 56	6	.4542	.01903	.00777	.4343	.4742	.42	.48
	Total	54	.1070	.13271	.01806	.0708	.1432	.01	.48

A

Duncan<sup>a</sup>

one	N	Subset for alpha = .05				
		1	2	3	4	5
hari ke 0	6	.0376				
hari ke 7	6	.0587	.0587			
hari ke 14	6		.0983	.0983		
hari ke 21	6			.1169		
hari ke 28	6			.1243		
hari ke 35	6			.1340		
hari ke 42	6				.2075	
hari ke 49	6				.2169	
hari ke 56	6					.5916
Sig.		.300	.054	.111	.643	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 6.000.

B

Duncan<sup>a</sup>

one	N	Subset for alpha = .05				
		1	2	3	4	5
hari ke 0	6	.0345				
hari ke 7	6	.0560	.0560			
hari ke 14	6		.0753	.0753		
hari ke 21	6			.0844		
hari ke 28	6			.0917		
hari ke 35	6			.0989		
hari ke 42	6				.1745	
hari ke 49	6				.1950	
hari ke 56	6					.5457
Sig.		.109	.151	.107	.125	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 6.000.

C

Duncan<sup>a</sup>

one	N	Subset for alpha = .05					
		1	2	3	4	5	6
hari ke 0	6	.0100					
hari ke 7	6		.0420				
hari ke 14	6		.0463				
hari ke 21	6		.0518	.0518			
hari ke 28	6			.0736			
hari ke 35	6			.0757			
hari ke 42	6				.1208		
hari ke 49	6				.1797		
hari ke 56	6					.5341	
Sig.		1.000	.455	.069	1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 6.000.

D

Duncan<sup>a</sup>

one	N	Subset for alpha = .05						
		1	2	3	4	5	6	7
hari ke 0	6	.0078						
hari ke 7	6	.0203						
hari ke 14	6		.0362					
hari ke 21	6		.0465	.0465				
hari ke 28	6			.0524				
hari ke 35	6				.0727			
hari ke 42	6					.1033		
hari ke 49	6						.1695	
hari ke 56	6							.4542
Sig.		.053	.107	.353	1.000	1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 6.000.

**UMUR SIMPAN KADAR AIR**  
**Mie Instan Goreng**

Tests of Normality

one	Kolmogorov-Smirnov <sup>a</sup>			Shapiro-Wilk			
	Statistic	df	Sig.	Statistic	df	Sig.	
A	hari ke 0	.194	6	.200*	.925	6	.544
	hari ke 7	.206	6	.200*	.918	6	.488
	hari ke 14	.143	6	.200*	.968	6	.880
	hari ke 21	.205	6	.200*	.910	6	.434
	hari ke 28	.269	6	.199	.874	6	.242
	hari ke 35	.115	6	.200*	.995	6	.998
	hari ke 42	.298	6	.103	.794	6	.052
	hari ke 49	.291	6	.122	.861	6	.191
	hari ke 56	.252	6	.200*	.849	6	.154
B	hari ke 0	.167	6	.200*	.929	6	.573
	hari ke 7	.164	6	.200*	.985	6	.974
	hari ke 14	.152	6	.200*	.969	6	.884
	hari ke 21	.190	6	.200*	.961	6	.827
	hari ke 28	.226	6	.200*	.953	6	.763
	hari ke 35	.214	6	.200*	.954	6	.770
	hari ke 42	.279	6	.160	.866	6	.211
	hari ke 49	.193	6	.200*	.969	6	.888
	hari ke 56	.194	6	.200*	.957	6	.797
C	hari ke 0	.220	6	.200*	.924	6	.532
	hari ke 7	.158	6	.200*	.958	6	.807
	hari ke 14	.193	6	.200*	.923	6	.528
	hari ke 21	.161	6	.200*	.964	6	.852
	hari ke 28	.124	6	.200*	.985	6	.975
	hari ke 35	.163	6	.200*	.945	6	.700
	hari ke 42	.172	6	.200*	.946	6	.709
	hari ke 49	.129	6	.200*	.996	6	.999
	hari ke 56	.133	6	.200*	.978	6	.942
D	hari ke 0	.148	6	.200*	.977	6	.936
	hari ke 7	.248	6	.200*	.867	6	.216
	hari ke 14	.199	6	.200*	.924	6	.537
	hari ke 21	.252	6	.200*	.890	6	.317
	hari ke 28	.121	6	.200*	.986	6	.978
	hari ke 35	.165	6	.200*	.964	6	.848
	hari ke 42	.184	6	.200*	.915	6	.468
	hari ke 49	.168	6	.200*	.952	6	.756
	hari ke 56	.289	6	.128	.892	6	.331

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

a. Lilliefors Significance Correction

Descriptives

		N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
						Lower Bound	Upper Bound		
						A	hari ke 0		
	hari ke 7	6	4.8350	.35534	.14507	4.4621	5.2079	4.38	5.26
	hari ke 14	6	5.1300	.11384	.04648	5.0105	5.2495	4.97	5.27
	hari ke 21	6	5.8567	.08641	.03528	5.7660	5.9473	5.77	5.99
	hari ke 28	6	5.9133	.21787	.08894	5.6847	6.1420	5.56	6.11
	hari ke 35	6	6.1217	.06401	.02613	6.0545	6.1888	6.03	6.21
	hari ke 42	6	6.9783	.44106	.18006	6.5155	7.4412	6.54	7.47
	hari ke 49	6	8.0333	.17862	.07292	7.8459	8.2208	7.73	8.19
	hari ke 56	6	8.5883	.41393	.16899	8.1539	9.0227	8.06	8.99
	Total	54	6.2111	1.36543	.18581	5.8384	6.5838	4.38	8.99
B	hari ke 0	6	4.5700	.10354	.04227	4.4613	4.6787	4.42	4.68
	hari ke 7	6	4.7567	.09873	.04030	4.6531	4.8603	4.62	4.91
	hari ke 14	6	5.2917	.09827	.04012	5.1885	5.3948	5.14	5.41
	hari ke 21	6	5.6900	.10080	.04115	5.5842	5.7958	5.54	5.82
	hari ke 28	6	5.7967	.09771	.03989	5.6941	5.8992	5.64	5.94
	hari ke 35	6	6.3633	.05574	.02275	6.3048	6.4218	6.29	6.44
	hari ke 42	6	7.0283	.11125	.04542	6.9116	7.1451	6.87	7.14
	hari ke 49	6	7.4250	.06979	.02849	7.3518	7.4982	7.33	7.54
	hari ke 56	6	8.0317	.34044	.13898	7.6744	8.3889	7.46	8.44
	Total	54	6.1059	1.14752	.15616	5.7927	6.4191	4.42	8.44
C	hari ke 0	6	4.0383	.15118	.06172	3.8797	4.1970	3.88	4.29
	hari ke 7	6	4.8133	.16330	.06667	4.6420	4.9847	4.59	5.01
	hari ke 14	6	5.0833	.74677	.30487	4.2996	5.8670	4.03	5.93
	hari ke 21	6	5.4400	.07211	.02944	5.3643	5.5157	5.34	5.53
	hari ke 28	6	5.4833	.06055	.02472	5.4198	5.5469	5.39	5.56
	hari ke 35	6	6.2783	.16916	.06906	6.1008	6.4559	6.09	6.55
	hari ke 42	6	6.8117	.15980	.06524	6.6440	6.9794	6.61	7.01
	hari ke 49	6	7.8683	.08704	.03554	7.7770	7.9597	7.74	7.99
	hari ke 56	6	8.1033	.22169	.09050	7.8707	8.3360	7.81	8.40
	Total	54	5.9911	1.34304	.18276	5.6245	6.3577	3.88	8.40
D	hari ke 0	6	4.1933	.09668	.03947	4.0919	4.2948	4.06	4.32
	hari ke 7	6	5.0400	.38874	.15870	4.6320	5.4480	4.61	5.55
	hari ke 14	6	5.6467	.07789	.03180	5.5649	5.7284	5.51	5.73
	hari ke 21	6	5.9817	.14442	.05896	5.8301	6.1332	5.78	6.13
	hari ke 28	6	6.0017	.26514	.10824	5.7234	6.2799	5.64	6.36
	hari ke 35	6	6.4100	.10412	.04250	6.3007	6.5193	6.27	6.54
	hari ke 42	6	6.8150	.11572	.04724	6.6936	6.9364	6.69	7.02
	hari ke 49	6	7.4167	.17637	.07200	7.2316	7.6018	7.21	7.67
	hari ke 56	6	8.2500	.12822	.05235	8.1154	8.3846	8.12	8.47
	Total	54	6.1950	1.17256	.15957	5.8750	6.5150	4.06	8.47



**A**

Duncan<sup>a</sup>

one	N	Subset for alpha = .05					
		1	2	3	4	5	6
hari ke 0	6	4.4433					
hari ke 7	6		4.8350				
hari ke 14	6		5.1300				
hari ke 21	6			5.8567			
hari ke 28	6			5.9133			
hari ke 35	6			6.1217			
hari ke 42	6				6.9783		
hari ke 49	6					8.0333	
hari ke 56	6						8.5883
Sig.		1.000	.054	.099	1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.  
 a. Uses Harmonic Mean Sample Size = 6.000.

**B**

Duncan<sup>a</sup>

one	N	Subset for alpha = .05							
		1	2	3	4	5	6	7	8
hari ke 0	6	4.5700							
hari ke 7	6		4.7567						
hari ke 14	6			5.2917					
hari ke 21	6				5.6900				
hari ke 28	6				5.7967				
hari ke 35	6					6.3633			
hari ke 42	6						7.0283		
hari ke 49	6							7.4250	
hari ke 56	6								8.0317
Sig.		1.000	1.000	1.000	.205	1.000	1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.  
 a. Uses Harmonic Mean Sample Size = 6.000.

**C**

Duncan<sup>a</sup>

one	N	Subset for alpha = .05					
		1	2	3	4	5	6
hari ke 0	6	4.0383					
hari ke 7	6		4.8133				
hari ke 14	6		5.0833				
hari ke 21	6			5.4400			
hari ke 28	6			5.4833			
hari ke 35	6				6.2783		
hari ke 42	6					6.8117	
hari ke 49	6						7.8683
hari ke 56	6						8.1033
Sig.		1.000	.107	.793	1.000	1.000	.159

Means for groups in homogeneous subsets are displayed.  
 a. Uses Harmonic Mean Sample Size = 6.000.

**D**

Duncan<sup>a</sup>

one	N	Subset for alpha = .05							
		1	2	3	4	5	6	7	8
hari ke 0	6	4.1933							
hari ke 7	6		5.0400						
hari ke 14	6			5.6467					
hari ke 21	6				5.9817				
hari ke 28	6				6.0017				
hari ke 35	6					6.4100			
hari ke 42	6						6.8150		
hari ke 49	6							7.4167	
hari ke 56	6								8.2500
Sig.		1.000	1.000	1.000	.857	1.000	1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.  
 a. Uses Harmonic Mean Sample Size = 6.000.

## Mie Instan Kering

**Tests of Normality**

one	Kolmogorov-Smirnov <sup>a</sup>			Shapiro-Wilk			
	Statistic	df	Sig.	Statistic	df	Sig.	
A	hari ke 0	.237	6	.200*	.824	6	.095
	hari ke 7	.144	6	.200*	.986	6	.977
	hari ke 14	.180	6	.200*	.934	6	.615
	hari ke 21	.154	6	.200*	.988	6	.985
	hari ke 28	.144	6	.200*	.973	6	.911
	hari ke 35	.160	6	.200*	.968	6	.878
	hari ke 42	.201	6	.200*	.962	6	.837
	hari ke 49	.189	6	.200*	.961	6	.829
	hari ke 56	.240	6	.200*	.908	6	.422
B	hari ke 0	.153	6	.200*	.992	6	.994
	hari ke 7	.172	6	.200*	.961	6	.826
	hari ke 14	.178	6	.200*	.964	6	.847
	hari ke 21	.186	6	.200*	.922	6	.518
	hari ke 28	.168	6	.200*	.979	6	.947
	hari ke 35	.250	6	.200*	.859	6	.187
	hari ke 42	.242	6	.200*	.911	6	.443
	hari ke 49	.167	6	.200*	.988	6	.984
	hari ke 56	.154	6	.200*	.965	6	.855
C	hari ke 0	.311	6	.071	.877	6	.256
	hari ke 7	.133	6	.200*	.981	6	.957
	hari ke 14	.238	6	.200*	.917	6	.487
	hari ke 21	.314	6	.065	.867	6	.213
	hari ke 28	.222	6	.200*	.931	6	.587
	hari ke 35	.181	6	.200*	.942	6	.676
	hari ke 42	.143	6	.200*	.958	6	.803
	hari ke 49	.239	6	.200*	.922	6	.523
	hari ke 56	.203	6	.200*	.932	6	.593
D	hari ke 0	.161	6	.200*	.976	6	.928
	hari ke 7	.217	6	.200*	.915	6	.468
	hari ke 14	.201	6	.200*	.910	6	.438
	hari ke 21	.214	6	.200*	.909	6	.433
	hari ke 28	.200	6	.200*	.898	6	.364
	hari ke 35	.311	6	.072	.852	6	.164
	hari ke 42	.161	6	.200*	.975	6	.924
	hari ke 49	.175	6	.200*	.944	6	.694
	hari ke 56	.169	6	.200*	.978	6	.942

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

a. Lilliefors Significance Correction

Descriptives

		N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
						Lower Bound	Upper Bound		
						A	hari ke 0		
	hari ke 7	6	6.5067	.05888	.02404	6.4449	6.5685	6.43	6.60
	hari ke 14	6	6.8633	.26349	.10757	6.5868	7.1398	6.57	7.23
	hari ke 21	6	7.5100	.27979	.11422	7.2164	7.8036	7.13	7.94
	hari ke 28	6	7.5533	.11776	.04807	7.4298	7.6769	7.40	7.71
	hari ke 35	6	7.7500	.39299	.16044	7.3376	8.1624	7.23	8.27
	hari ke 42	6	8.1183	.09621	.03928	8.0174	8.2193	8.00	8.26
	hari ke 49	6	8.6800	.18000	.07348	8.4911	8.8689	8.44	8.92
	hari ke 56	6	9.3617	.49588	.20244	8.8413	9.8821	8.67	9.88
	Total	54	7.5794	1.06184	.14450	7.2896	7.8693	5.32	9.88
B	hari ke 0	6	5.5850	.14349	.05858	5.4344	5.7356	5.37	5.78
	hari ke 7	6	6.1467	.24549	.10022	5.8890	6.4043	5.77	6.43
	hari ke 14	6	6.1867	.11911	.04863	6.0617	6.3117	5.99	6.33
	hari ke 21	6	7.1000	.38236	.15610	6.6987	7.5013	6.66	7.59
	hari ke 28	6	7.2800	.09230	.03768	7.1831	7.3769	7.16	7.42
	hari ke 35	6	7.7667	.36631	.14955	7.3822	8.1511	7.39	8.21
	hari ke 42	6	8.2333	.24080	.09831	7.9806	8.4860	7.89	8.49
	hari ke 49	6	8.6200	.16492	.06733	8.4469	8.7931	8.40	8.87
	hari ke 56	6	9.2483	.06080	.02482	9.1845	9.3121	9.15	9.32
	Total	54	7.3519	1.19188	.16219	7.0265	7.6772	5.37	9.32
C	hari ke 0	6	5.7483	.10342	.04222	5.6398	5.8569	5.63	5.90
	hari ke 7	6	6.0467	.30540	.12468	5.7262	6.3672	5.64	6.46
	hari ke 14	6	6.4433	.33939	.13856	6.0872	6.7995	6.03	6.88
	hari ke 21	6	7.0167	.37909	.15476	6.6188	7.4145	6.42	7.39
	hari ke 28	6	7.1867	.33560	.13701	6.8345	7.5389	6.81	7.71
	hari ke 35	6	7.7300	.29203	.11922	7.4235	8.0365	7.39	8.13
	hari ke 42	6	8.2583	.07782	.03177	8.1767	8.3400	8.17	8.38
	hari ke 49	6	8.8133	.23989	.09793	8.5616	9.0651	8.56	9.19
	hari ke 56	6	9.6050	.23399	.09552	9.3594	9.8506	9.35	9.98
	Total	54	7.4276	1.25584	.17090	7.0848	7.7704	5.63	9.98
D	hari ke 0	6	5.9250	.36577	.14933	5.5411	6.3089	5.48	6.49
	hari ke 7	6	6.7583	.09174	.03745	6.6621	6.8546	6.60	6.85
	hari ke 14	6	6.8533	.23330	.09524	6.6085	7.0982	6.59	7.15
	hari ke 21	6	7.3367	.07685	.03138	7.2560	7.4173	7.21	7.41
	hari ke 28	6	7.9483	.20595	.08408	7.7322	8.1645	7.69	8.18
	hari ke 35	6	8.1383	.14838	.06058	7.9826	8.2940	7.86	8.29
	hari ke 42	6	8.5383	.67199	.27434	7.8331	9.2435	7.67	9.50
	hari ke 49	6	8.7817	.11161	.04556	8.6645	8.8988	8.64	8.92
	hari ke 56	6	9.2583	.20760	.08475	9.0405	9.4762	8.92	9.53
	Total	54	7.7265	1.06824	.14537	7.4349	8.0181	5.48	9.53

A

Duncan<sup>a</sup>

one	N	Subset for alpha = .05						
		1	2	3	4	5	6	7
hari ke 0	6	5.8717						
hari ke 7	6		6.5067					
hari ke 14	6			6.8633				
hari ke 21	6				7.5100			
hari ke 28	6				7.5533			
hari ke 35	6				7.7500			
hari ke 42	6					8.1183		
hari ke 49	6						8.6800	
hari ke 56	6							9.3617
Sig.		1.000	1.000	1.000	.195	1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 6.000.

B

Duncan<sup>a</sup>

one	N	Subset for alpha = .05						
		1	2	3	4	5	6	7
hari ke 0	6	5.5850						
hari ke 7	6		6.1467					
hari ke 14	6		6.1867					
hari ke 21	6			7.1000				
hari ke 28	6			7.2800				
hari ke 35	6				7.7667			
hari ke 42	6					8.2333		
hari ke 49	6						8.6200	
hari ke 56	6							9.2483
Sig.		1.000	.764	.181	1.000	1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 6.000.

C

Duncan<sup>a</sup>

one	N	Subset for alpha = .05						
		1	2	3	4	5	6	7
hari ke 0	6	5.7483						
hari ke 7	6	6.0467						
hari ke 14	6		6.4433					
hari ke 21	6			7.0167				
hari ke 28	6			7.1867				
hari ke 35	6				7.7300			
hari ke 42	6					8.2583		
hari ke 49	6						8.8133	
hari ke 56	6							9.6050
Sig.		.066	1.000	.289	1.000	1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 6.000.

D

Duncan<sup>a</sup>

one	N	Subset for alpha = .05					
		1	2	3	4	5	6
hari ke 0	6	5.9250					
hari ke 7	6		6.7583				
hari ke 14	6		6.8533				
hari ke 21	6			7.3367			
hari ke 28	6				7.9483		
hari ke 35	6				8.1383		
hari ke 42	6					8.5383	
hari ke 49	6					8.7817	
hari ke 56	6						9.2583
Sig.		1.000	.578	1.000	.268	.158	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 6.000.

**UMUR SIMPAN ANTIOKSIDAN**  
**Mie Instan Goreng**

**Tests of Normality**

one	Kolmogorov-Smirnov <sup>a</sup>			Shapiro-Wilk			
	Statistic	df	Sig.	Statistic	df	Sig.	
A	hari ke 0	.157	6	.200*	.948	6	.723
	hari ke 7	.248	6	.200*	.892	6	.328
	hari ke 14	.265	6	.200*	.893	6	.335
	hari ke 21	.209	6	.200*	.905	6	.406
	hari ke 28	.211	6	.200*	.928	6	.566
	hari ke 35	.168	6	.200*	.966	6	.862
	hari ke 42	.152	6	.200*	.965	6	.858
	hari ke 49	.204	6	.200*	.935	6	.623
	hari ke 56	.175	6	.200*	.958	6	.801
B	hari ke 0	.168	6	.200*	.974	6	.918
	hari ke 7	.147	6	.200*	.979	6	.946
	hari ke 14	.250	6	.200*	.897	6	.357
	hari ke 21	.206	6	.200*	.941	6	.668
	hari ke 28	.208	6	.200*	.964	6	.850
	hari ke 35	.204	6	.200*	.899	6	.370
	hari ke 42	.147	6	.200*	.960	6	.817
	hari ke 49	.166	6	.200*	.921	6	.511
	hari ke 56	.176	6	.200*	.981	6	.958
C	hari ke 0	.246	6	.200*	.911	6	.444
	hari ke 7	.188	6	.200*	.925	6	.543
	hari ke 14	.246	6	.200*	.879	6	.265
	hari ke 21	.222	6	.200*	.929	6	.571
	hari ke 28	.249	6	.200*	.921	6	.514
	hari ke 35	.190	6	.200*	.962	6	.837
	hari ke 42	.155	6	.200*	.958	6	.801
	hari ke 49	.160	6	.200*	.961	6	.825
	hari ke 56	.225	6	.200*	.933	6	.602
D	hari ke 0	.160	6	.200*	.988	6	.985
	hari ke 7	.209	6	.200*	.925	6	.544
	hari ke 14	.138	6	.200*	.983	6	.964
	hari ke 21	.215	6	.200*	.927	6	.558
	hari ke 28	.242	6	.200*	.954	6	.773
	hari ke 35	.208	6	.200*	.961	6	.829
	hari ke 42	.138	6	.200*	.973	6	.911
	hari ke 49	.239	6	.200*	.905	6	.403
	hari ke 56	.226	6	.200*	.904	6	.398

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

a. Lilliefors Significance Correction

Descriptives

		N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
						Lower Bound	Upper Bound		
						A	hari ke 0		
	hari ke 7	6	.3817	.26910	.10986	.0993	.6641	.10	.84
	hari ke 14	6	.7783	.41262	.16845	.3453	1.2114	.36	1.36
	hari ke 21	6	.5150	.32642	.13326	.1724	.8576	.16	.96
	hari ke 28	6	.4300	.25140	.10263	.1662	.6938	.14	.76
	hari ke 35	6	.3967	.21219	.08663	.1740	.6194	.13	.69
	hari ke 42	6	.3000	.15349	.06266	.1389	.4611	.12	.53
	hari ke 49	6	.3767	.23678	.09667	.1282	.6252	.09	.68
	hari ke 56	6	.2483	.11161	.04556	.1312	.3655	.10	.39
	Total	54	.4865	.33413	.04547	.3953	.5777	.09	1.53
B	hari ke 0	6	9.8500	1.68111	.68631	8.0858	11.6142	7.65	12.17
	hari ke 7	6	7.2817	.96473	.39385	6.2692	8.2941	6.04	8.69
	hari ke 14	6	6.0550	1.41015	.57569	4.5751	7.5349	3.50	7.64
	hari ke 21	6	4.4317	.69295	.28289	3.7045	5.1589	3.56	5.42
	hari ke 28	6	3.7950	.62686	.25591	3.1372	4.4528	2.95	4.67
	hari ke 35	6	2.7733	.78945	.32229	1.9449	3.6018	2.00	4.13
	hari ke 42	6	2.2683	.69867	.28523	1.5351	3.0015	1.22	3.06
	hari ke 49	6	1.8467	.48273	.19707	1.3401	2.3533	1.37	2.64
	hari ke 56	6	1.7950	.50564	.20643	1.2644	2.3256	.99	2.46
	Total	54	4.4552	2.78330	.37876	3.6955	5.2149	.99	12.17
C	hari ke 0	6	11.6800	1.22478	.50001	10.3947	12.9653	10.22	13.22
	hari ke 7	6	9.7500	1.20456	.49176	8.4859	11.0141	8.53	11.65
	hari ke 14	6	7.6767	1.32452	.54073	6.2867	9.0667	6.50	9.83
	hari ke 21	6	6.1800	.87001	.35518	5.2670	7.0930	5.27	7.59
	hari ke 28	6	4.9817	.47495	.19390	4.4832	5.4801	4.17	5.63
	hari ke 35	6	3.9133	.33578	.13708	3.5610	4.2657	3.46	4.34
	hari ke 42	6	3.3167	.77966	.31829	2.4985	4.1349	2.34	4.37
	hari ke 49	6	3.1633	.96367	.39342	2.1520	4.1746	2.01	4.69
	hari ke 56	6	2.3733	.84121	.34342	1.4905	3.2561	1.42	3.59
	Total	54	5.8928	3.18416	.43331	5.0237	6.7619	1.42	13.22
D	hari ke 0	6	13.6167	.56376	.23015	13.0250	14.2083	12.78	14.47
	hari ke 7	6	11.1100	.72322	.29525	10.3510	11.8690	10.28	12.36
	hari ke 14	6	10.1467	.69572	.28403	9.4166	10.8768	9.27	11.18
	hari ke 21	6	9.1717	1.62183	.66211	7.4697	10.8737	7.40	11.90
	hari ke 28	6	8.2433	1.22841	.50150	6.9542	9.5325	6.32	10.09
	hari ke 35	6	6.9567	1.19339	.48720	5.7043	8.2091	5.04	8.37
	hari ke 42	6	6.4867	1.51979	.62045	4.8918	8.0816	4.62	8.67
	hari ke 49	6	5.6833	1.45292	.59315	4.1586	7.2081	4.13	7.79
	hari ke 56	6	5.1017	.98256	.40113	4.0705	6.1328	4.04	6.41
	Total	54	8.5019	2.86226	.38950	7.7206	9.2831	4.04	14.47

A

Duncan<sup>a</sup>

one	N	Subset for alpha = .05		
		1	2	3
hari ke 56	6	.2483		
hari ke 42	6	.3000		
hari ke 49	6	.3767		
hari ke 7	6	.3817		
hari ke 35	6	.3967		
hari ke 28	6	.4300		
hari ke 21	6	.5150	.5150	
hari ke 14	6		.7783	.7783
hari ke 0	6			.9517
Sig.		.150	.101	.277

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 6.000.

B

Duncan<sup>a</sup>

one	N	Subset for alpha = .05					
		1	2	3	4	5	6
hari ke 56	6	1.7950					
hari ke 49	6	1.8467					
hari ke 42	6	2.2683					
hari ke 35	6	2.7733	2.7733				
hari ke 28	6		3.7950	3.7950			
hari ke 21	6			4.4317			
hari ke 14	6				6.0550		
hari ke 7	6					7.2817	
hari ke 0	6						9.8500
Sig.		.112	.071	.255	1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 6.000.

C

Duncan<sup>a</sup>

one	N	Subset for alpha = .05						
		1	2	3	4	5	6	7
hari ke 56	6	2.3733						
hari ke 49	6	3.1633	3.1633					
hari ke 42	6	3.3167	3.3167					
hari ke 35	6		3.9133	3.9133				
hari ke 28	6			4.9817				
hari ke 21	6				6.1800			
hari ke 14	6					7.6767		
hari ke 7	6						9.7500	
hari ke 0	6							11.6800
Sig.		.109	.202	.057	1.000	1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 6.000.

D

Duncan<sup>a</sup>

one	N	Subset for alpha = .05						
		1	2	3	4	5	6	7
hari ke 56	6	5.1017						
hari ke 49	6	5.6833	5.6833					
hari ke 42	6	6.4867	6.4867					
hari ke 35	6		6.9567	6.9567				
hari ke 28	6			8.2433	8.2433			
hari ke 21	6				9.1717	9.1717		
hari ke 14	6					10.1467		
hari ke 7	6						10.1467	
hari ke 0	6							13.6167
Sig.		.057	.080	.063	.175	.155	.160	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 6.000.

Mie Instan Kering

## Tests of Normality

one	Kolmogorov-Smirnov <sup>a</sup>			Shapiro-Wilk			
	Statistic	df	Sig.	Statistic	df	Sig.	
A	hari ke 0	.188	6	.200*	.974	6	.916
	hari ke 7	.321	6	.052	.879	6	.265
	hari ke 14	.288	6	.130	.846	6	.145
	hari ke 21	.265	6	.200*	.901	6	.379
	hari ke 28	.152	6	.200*	.967	6	.869
	hari ke 35	.174	6	.200*	.920	6	.509
	hari ke 42	.226	6	.200*	.905	6	.406
	hari ke 49	.235	6	.200*	.876	6	.252
hari ke 56	.183	6	.200*	.961	6	.831	
B	hari ke 0	.190	6	.200*	.912	6	.450
	hari ke 7	.244	6	.200*	.915	6	.469
	hari ke 14	.204	6	.200*	.958	6	.803
	hari ke 21	.262	6	.200*	.876	6	.251
	hari ke 28	.213	6	.200*	.966	6	.866
	hari ke 35	.128	6	.200*	.977	6	.938
	hari ke 42	.255	6	.200*	.870	6	.226
	hari ke 49	.261	6	.200*	.856	6	.175
hari ke 56	.140	6	.200*	.983	6	.964	
C	hari ke 0	.202	6	.200*	.964	6	.850
	hari ke 7	.219	6	.200*	.948	6	.722
	hari ke 14	.196	6	.200*	.927	6	.556
	hari ke 21	.195	6	.200*	.910	6	.437
	hari ke 28	.268	6	.200*	.871	6	.231
	hari ke 35	.234	6	.200*	.903	6	.390
	hari ke 42	.240	6	.200*	.947	6	.714
	hari ke 49	.228	6	.200*	.921	6	.515
hari ke 56	.179	6	.200*	.946	6	.706	
D	hari ke 0	.229	6	.200*	.927	6	.555
	hari ke 7	.257	6	.200*	.927	6	.559
	hari ke 14	.228	6	.200*	.935	6	.616
	hari ke 21	.195	6	.200*	.905	6	.403
	hari ke 28	.198	6	.200*	.929	6	.569
	hari ke 35	.178	6	.200*	.954	6	.773
	hari ke 42	.200	6	.200*	.965	6	.855
	hari ke 49	.160	6	.200*	.974	6	.919
hari ke 56	.231	6	.200*	.865	6	.206	

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

a. Lilliefors Significance Correction



Descriptives

		N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
						Lower Bound	Upper Bound		
						A	hari ke 0		
	hari ke 7	6	.8333	.58623	.23933	.2181	1.4485	.21	1.80
	hari ke 14	6	.7883	.47914	.19561	.2855	1.2912	.36	1.55
	hari ke 21	6	.7133	.37452	.15290	.3203	1.1064	.32	1.27
	hari ke 28	6	.7367	.34168	.13949	.3781	1.0952	.32	1.24
	hari ke 35	6	.5117	.24211	.09884	.2576	.7657	.24	.83
	hari ke 42	6	.4533	.35607	.14537	.0797	.8270	.11	1.03
	hari ke 49	6	.3967	.31348	.12798	.0677	.7256	.11	.87
	hari ke 56	6	.3517	.28604	.11677	.0515	.6518	.01	.80
	Total	54	.6439	.41232	.05611	.5313	.7564	.01	1.80
B	hari ke 0	6	9.2117	1.37626	.56186	7.7674	10.6560	7.65	10.95
	hari ke 7	6	7.7033	.85932	.35081	6.8015	8.6051	6.68	8.80
	hari ke 14	6	6.5867	.76571	.31260	5.7831	7.3902	5.43	7.79
	hari ke 21	6	5.0583	.87337	.35655	4.1418	5.9749	3.91	5.94
	hari ke 28	6	3.7483	.61658	.25172	3.1013	4.3954	2.73	4.58
	hari ke 35	6	3.0067	4.2084	.17181	2.5650	3.4483	2.49	3.62
	hari ke 42	6	2.5833	.68310	.27887	1.8665	3.3002	1.98	3.71
	hari ke 49	6	2.6683	.91471	.37343	1.7084	3.6283	1.86	4.32
	hari ke 56	6	2.1167	.69733	.28468	1.3849	2.8485	1.14	3.06
	Total	54	4.7426	2.54859	.34682	4.0470	5.4382	1.14	10.95
C	hari ke 0	6	12.1850	1.42544	.58193	10.6891	13.6809	10.01	13.93
	hari ke 7	6	10.4083	.94466	.38565	9.4170	11.3997	9.24	11.72
	hari ke 14	6	8.1667	.78536	.32062	7.3425	8.9908	7.18	9.14
	hari ke 21	6	7.2367	.84722	.34588	6.3476	8.1258	6.08	8.12
	hari ke 28	6	5.5400	.62769	.25626	4.8813	6.1987	4.89	6.39
	hari ke 35	6	5.1333	.99921	.40793	4.0847	6.1819	4.03	6.44
	hari ke 42	6	4.0367	1.32121	.53938	2.6501	5.4232	2.11	5.65
	hari ke 49	6	3.8650	.74172	.30281	3.0866	4.6434	2.72	4.64
	hari ke 56	6	4.0533	.81855	.33417	3.1943	4.9124	3.15	5.27
	Total	54	6.7361	2.99775	.40794	5.9179	7.5543	2.11	13.93
D	hari ke 0	6	15.3317	.85913	.35074	14.4301	16.2333	14.32	16.84
	hari ke 7	6	12.0417	2.89003	1.17985	9.0088	15.0746	8.10	16.99
	hari ke 14	6	10.4500	.65131	.26589	9.7665	11.1335	9.33	11.25
	hari ke 21	6	9.3533	1.06740	.43576	8.2332	10.4735	8.10	10.64
	hari ke 28	6	8.0933	.79170	.32321	7.2625	8.9242	7.14	9.10
	hari ke 35	6	6.8683	.64136	.26183	6.1953	7.5414	5.94	7.71
	hari ke 42	6	5.9200	.94208	.38460	4.9313	6.9087	4.69	7.47
	hari ke 49	6	5.5600	1.22696	.50091	4.2724	6.8476	4.03	7.58
	hari ke 56	6	5.2867	1.71497	.70013	3.4869	7.0864	3.81	8.30
	Total	54	8.7672	3.45993	.47084	7.8228	9.7116	3.81	16.99

A

Duncan<sup>a</sup>

one	N	Subset for alpha = .05	
		1	2
hari ke 56	6	.3517	
hari ke 49	6	.3967	
hari ke 42	6	.4533	
hari ke 35	6	.5117	.5117
hari ke 21	6	.7133	.7133
hari ke 28	6	.7367	.7367
hari ke 14	6	.7883	.7883
hari ke 7	6	.8333	.8333
hari ke 0	6		1.0100
Sig.		.066	.052

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 6.000.

B

Duncan<sup>a</sup>

one	N	Subset for alpha = .05					
		1	2	3	4	5	6
hari ke 56	6	2.1167					
hari ke 42	6	2.5833					
hari ke 49	6	2.6683					
hari ke 35	6	3.0067	3.0067				
hari ke 28	6		3.7483				
hari ke 21	6			5.0583			
hari ke 14	6				6.5867		
hari ke 7	6					7.7033	
hari ke 0	6						9.2117
Sig.		.099	.133	1.000	1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 6.000.

C

Duncan<sup>a</sup>

one	N	Subset for alpha = .05					
		1	2	3	4	5	6
hari ke 49	6	3.8650					
hari ke 42	6	4.0367	4.0367				
hari ke 56	6	4.0533	4.0533				
hari ke 35	6		5.1333	5.1333			
hari ke 28	6			5.5400			
hari ke 21	6				7.2367		
hari ke 14	6				8.1667		
hari ke 7	6					10.4083	
hari ke 0	6						12.1850
Sig.		.756	.072	.475	.107	1.000	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 6.000.

D

Duncan<sup>a</sup>

one	N	Subset for alpha = .05					
		1	2	3	4	5	6
hari ke 56	6	5.2867					
hari ke 49	6	5.5600					
hari ke 42	6	5.9200					
hari ke 35	6	6.8683	6.8683				
hari ke 28	6		8.0933	8.0933			
hari ke 21	6			9.3533	9.3533		
hari ke 14	6				10.4500	10.4500	
hari ke 7	6					12.0417	
hari ke 0	6						15.3317
Sig.		.074	.130	.120	.174	.051	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 6.000.