

7. LAMPIRAN

Lampiran 1. *Worksheet Uji Rating Hedonik Mie Kering Instan*

Worksheet Uji Rating Hedonik

Tanggal Uji : 3 November 2010

Jenis Sampel : Mie kering instan

Identifikasi Sampel

	Kode
Kontrol	A
Mie kering instan dengan konsentrasi oat 5 %	B
Mie kering instan dengan konsentrasi oat 10 %	C
Mie kering instan dengan konsentrasi oat 15 %	D
Mie kering instan dengan konsentrasi oat 20 %	E

Kode Kombinasi Urutan Penyajian

ABCDE	: 1	CDEAB	: 3	EABCD	: 5
BCDEA	: 2	DEABC	: 4	ABCED	: 6

Penyajian

Booth	Panelis	Kode sampel	urutan penyajian
1	# 1,7,13,19,25	282, 924, 842, 642, 797	¹
2	# 2,8,14,20,26	296, 471, 372, 618, 935	²
3	# 3,9,15,21,27	353, 747, 123, 863, 644	³
4	# 4,10,16,22,28	161, 793, 196, 847, 112	⁴
5	# 5,11,17,23,29	695, 615, 361, 375, 871	⁵
6	# 6,12,18,24,30	633, 755, 868, 898, 546	⁶

Rekap Kode Sampel

Kode A	282, 935, 863, 196, 615, 633
Kode B	924, 296, 644, 847, 361, 755
Kode C	842, 471, 353, 112, 375, 868
Kode D	642, 372, 747, 161, 871, 546
Kode E	797, 618, 123, 793, 695, 898

Lampiran 2. Scoresheet Mie Kering Instan

KUISIONER UJI SENSORI MIE KERING INSTAN

Tanggal :

Nama :
 Produk : Mie kering instan
 Atribut : Warna

Instruksi

Di hadapan Anda terdapat 5 sampel mie dengan formulasi yang berbeda. Amatilah sampel secara urut mulai dari sampel sebelah kiri ke kanan. Anda boleh mengulang sesering yang Anda perlukan. Kemudian berilah skor warna setiap sampel. Skor 1 = sangat tidak suka, 2 = tidak suka, 3 = netral, 4 = suka dan 5 = sangat suka. Skor yang diberikan **boleh sama** antar sampel.

Sampel	Rating (boleh double)
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

Terima Kasih

KUISIONER UJI SENSORI MIE KERING INSTAN

Tanggal :

Nama :	
Produk :	Mie kering instan
Atribut :	Aroma

Instruksi

Di hadapan Anda terdapat 5 sampel mie dengan formulasi yang berbeda. Amatilah sampel secara urut mulai dari sampel sebelah kiri ke kanan. Anda boleh mengulang sesering yang Anda perlukan. Kemudian berilah skor aroma setiap sampel. Skor 1 = sangat tidak suka, 2 = tidak suka, 3 = netral, 4 = suka dan 5 = sangat suka. Skor yang diberikan **boleh sama** antar sampel.

Sampel	Rating (boleh double)
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

Terima Kasih

KUISIONER UJI SENSORI MIE KERING INSTAN

Tanggal :

Nama :
 Produk : Mie kering instan
 Atribut : Rasa

Instruksi

Di hadapan Anda terdapat 5 sampel mie dengan formulasi yang berbeda. Sampel dicoba secara urut mulai dari sampel sebelah kiri ke kanan. Kunyahlah sampel dengan gigi geraham. Anda boleh mengulang sesering yang Anda perlukan. Setiap kali akan mengunyah sampel yang berbeda berkumurlah dengan air tawar. Kemudian berilah skor rasa setiap sampel. Skor 1 = sangat tidak suka, 2 = tidak suka, 3 = netral, 4 = suka dan 5 = sangat suka. Skor yang diberikan **boleh sama** antar sampel.

Sampel	Rating (boleh double)
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Terima Kasih

KUISIONER UJI SENSORI MIE KERING INSTAN

Tanggal :

Nama :
 Produk : Mie kering instan
 Atribut : Kekenyalan

Instruksi

Di hadapan Anda terdapat 5 sampel mie dengan formulasi yang berbeda. Sampel dicoba secara urut mulai dari sampel sebelah kiri ke kanan. Kunyahlah sampel dengan gigi geraham. Anda boleh mengulang sesering yang Anda perlukan. Setiap kali akan mengunyah sampel yang berbeda berkumurlah dengan air tawar. Anda boleh mengulang sesering yang Anda perlukan. Kemudian berilah skor kekenyalan setiap sampel. Skor 1 = sangat tidak suka, 2 = tidak suka, 3 = netral, 4 = suka dan 5 = sangat suka. Skor yang diberikan **boleh sama** antar sampel.

Sampel	Rating (boleh double)
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Terima Kasih

KUISIONER UJI SENSORI MIE KERING INSTAN

Tanggal :

Nama :
 Produk : Mie kering instan
 Atribut : *Overall* tekstur

Instruksi

Di hadapan Anda terdapat 5 sampel mie dengan formulasi yang berbeda. Sampel dicoba secara urut mulai dari sampel sebelah kiri ke kanan. Anda boleh mengulang sesering yang Anda perlukan. Setiap kali akan mengunyah sampel yang berbeda berkumurlah dengan air tawar. Kemudian berilah skor tekstur setiap sampel. Skor 1 = sangat tidak suka, 2 = tidak suka, 3 = netral, 4 = suka dan 5 = sangat suka. Skor yang diberikan **boleh sama** antar sampel.

Sampel **Rating (boleh double)**

Terima Kasih

KUISIONER UJI SENSORI MIE KERING INSTAN

Tanggal :

Nama :
 Produk : Mie kering instan
 Atribut : *Overall*

Instruksi

Di hadapan Anda terdapat 5 sampel mie dengan formulasi yang berbeda. Sampel dicoba secara urut mulai dari sampel sebelah kiri ke kanan. Kunyahlah sampel dengan gigi geraham. Anda boleh mengulang sesering yang Anda perlukan. Setiap kali akan mengunyah sampel yang berbeda berkumurlah dengan air tawar. Kemudian berilah skor *overall* setiap sampel. Skor 1 = sangat tidak suka, 2 = tidak suka, 3 = netral, 4 = suka dan 5 = sangat suka. Skor yang diberikan **boleh sama** antar sampel.

Sampel **Rating (boleh double)**

Terima Kasih

Lampiran 3. Standar Mutu Mie Instan Menurut SNI 01-3551-2000

No	Uraian	Satuan	Persyaratan
1	Keadaan ²⁾		
	1.1. Tekstur	-	Normal / Dapat diterima
	1.2. Aroma	-	Normal / Dapat diterima
	1.3. Rasa	-	Normal / Dapat diterima
	1.4. Warna	-	Normal / Dapat diterima
2	Benda – benda asing ²⁾		Tidak boleh ada
3	Keutuhan ¹⁾	% b/b	Min. 90
4	Kadar air ¹⁾	% b/b	20-35
	4.1. Proses penggorengan	% b/b	Maks. 10.0
	4.2. Proses pengeringan	% b/b	Maks. 14.5
5	Kadar protein ²⁾	% b/b	Min. 8
	Mie dari terigu	% b/b	Min. 8.0
	Mie dari bukan terigu	% b/b	Min. 4.0
6	Bilangan asam ¹⁾	ml KOH / g minyak	Maks. 2
7	Cemaran Logam ²⁾		
	7.1. Timbal (Pb)	mg/kg	Maks. 1.0
	7.2. Raksa (Hg)	mg/kg	Maks. 0.05
8	Cemaran Arsen (As) ²⁾	mg/kg	Maks. 0.5
9	Cemaran Mikroba		
	9.1. Angka Lempeng Total	koloni/g	Maks 1.0 x 10 ⁶
	9.2. Coliform	APM/g	<3
	9.3. Salmonela	-	Negatif per 25 g
	9.4. Kapang	koloni/g	Maks 1.0 x 10 ³

¹⁾ berlaku untuk mie

²⁾ berlaku untuk mie dan bumbu

Sumber : (BSN, 2000)

Lampiran 4. Hasil Uji Normalitas Data

Uji Normalitas Karakteristik Kimiawi Tepung Terigu dan Oatbran

Tests of Normality

sampel	Kolmogorov-Smirnov(a)			Shapiro-Wilk			
	Statistic	df	Sig.	Statistic	df	Sig.	
kadar_air	tepung terigu	,235	6	,200(*)	,932	6	,599
	oatbran	,197	6	,200(*)	,950	6	,741
kadar_abu	tepung terigu	,271	6	,194	,904	6	,396
	oatbran	,289	6	,128	,837	6	,122
lemak	tepung terigu	,310	6	,074	,857	6	,179
	oatbran	,180	6	,200(*)	,948	6	,727
protein	tepung terigu	,267	6	,200(*)	,841	6	,134
	oatbran	,201	6	,200(*)	,918	6	,494
TDF	tepung terigu	,237	6	,200(*)	,900	6	,373
	oatbran	,234	6	,200(*)	,938	6	,646
ADF	tepung terigu	,167	6	,200(*)	,982	6	,960
	oatbran	,190	6	,200(*)	,931	6	,585
serat_larut	tepung terigu	,217	6	,200(*)	,925	6	,543
	oatbran	,237	6	,200(*)	,898	6	,361

* This is a lower bound of the true significance.

a. Lilliefors Significance Correction

Uji Normalitas Karakteristik Fisik dan Kimiawi Mie Kering Instan

Tests of Normality

sampel	Kolmogorov-Smirnov(a)			Shapiro-Wilk			
	Statistic	df	Sig.	Statistic	df	Sig.	
cooking_yield	kontrol	,254	6	,200(*)	,866	6	,212
	konst oat 5%	,293	6	,117	,822	6	,091
	konst oat 10%	,293	6	,117	,915	6	,473
	konst oat 15%	,277	6	,168	,800	6	,059
	konst oat 20%	,254	6	,200(*)	,866	6	,212
cooking_loss	kontrol	,234	6	,200(*)	,903	6	,389
	konst oat 5%	,225	6	,200(*)	,897	6	,354
	konst oat 10%	,222	6	,200(*)	,899	6	,368
	konst oat 15%	,235	6	,200(*)	,901	6	,377
	konst oat 20%	,273	6	,183	,865	6	,208
kelentingan	kontrol	,181	6	,200(*)	,971	6	,900
	konst oat 5%	,282	6	,148	,818	6	,085
	konst oat 10%	,195	6	,200(*)	,976	6	,929
	konst oat 15%	,225	6	,200(*)	,853	6	,166
	konst oat 20%	,305	6	,084	,822	6	,093

kadar_air	kontrol	,168	6	,200(*)	,972	6	,907
	konst oat 5%	,124	6	,200(*)	,989	6	,986
	konst oat 10%	,259	6	,200(*)	,818	6	,084
	konst oat 15%	,151	6	,200(*)	,980	6	,952
	konst oat 20%	,156	6	,200(*)	,951	6	,752
kadar_abu	kontrol	,187	6	,200(*)	,936	6	,630
	konst oat 5%	,210	6	,200(*)	,969	6	,884
	konst oat 10%	,264	6	,200(*)	,900	6	,374
	konst oat 15%	,202	6	,200(*)	,889	6	,312
	konst oat 20%	,203	6	,200(*)	,872	6	,234
kadar lemak	kontrol	,232	6	,200(*)	,933	6	,604
	konst oat 5%	,214	6	,200(*)	,831	6	,110
	konst oat 10%	,217	6	,200(*)	,879	6	,265
	konst oat 15%	,267	6	,200(*)	,848	6	,152
	konst oat 20%	,204	6	,200(*)	,932	6	,594
protein	kontrol	,206	6	,200(*)	,877	6	,257
	konst oat 5%	,280	6	,155	,797	6	,055
	konst oat 10%	,286	6	,137	,812	6	,075
	konst oat 15%	,245	6	,200(*)	,906	6	,410
	konst oat 20%	,300	6	,098	,740	6	,016
TDF	kontrol	,205	6	,200(*)	,918	6	,490
	konst oat 5%	,281	6	,151	,843	6	,139
	konst oat 10%	,186	6	,200(*)	,969	6	,883
	konst oat 15%	,279	6	,159	,824	6	,096
	konst oat 20%	,186	6	,200(*)	,945	6	,697
ADF	kontrol	,263	6	,200(*)	,874	6	,242
	konst oat 5%	,172	6	,200(*)	,912	6	,452
	konst oat 10%	,198	6	,200(*)	,929	6	,571
	konst oat 15%	,139	6	,200(*)	,987	6	,980
	konst oat 20%	,252	6	,200(*)	,916	6	,480
serat_larut	kontrol	,196	6	,200(*)	,908	6	,426
	konst oat 5%	,282	6	,146	,828	6	,103
	konst oat 10%	,231	6	,200(*)	,933	6	,601
	konst oat 15%	,249	6	,200(*)	,936	6	,629
	konst oat 20%	,250	6	,200(*)	,901	6	,382

* This is a lower bound of the true significance.

a Lilliefors Significance Correction

Lampiran 5. Hasil Uji Deskripsi Statistik

Deskripsi Statistik Karakteristik Kimiawi Tepung Terigu dan Oatbran

Descriptives

sampel			Statistic	Std. Error
kadar_air	tepung terigu	Mean	10,51467	,274308
		95% Confidence Interval for Mean		
		Lower Bound	9,80954	
		Upper Bound	11,21980	
		5% Trimmed Mean	10,50994	
		Median	10,48637	
		Variance	,451	
		Std. Deviation	,671914	
		Minimum	9,512	
		Maximum	11,602	
		Range	2,090	
		Interquartile Range	,795	
		Skewness	,273	,845
		Kurtosis	2,030	1,741
oatbran	oatbran	Mean	9,38487	,132463
		95% Confidence Interval for Mean		
		Lower Bound	9,04436	
		Upper Bound	9,72538	
		5% Trimmed Mean	9,37580	
		Median	9,31470	
		Variance	,105	
		Std. Deviation	,324466	
		Minimum	9,010	
		Maximum	9,923	
		Range	,913	
		Interquartile Range	,503	
		Skewness	,844	,845
		Kurtosis	,489	1,741
kadar_abu	tepung terigu	Mean	,75424	,059427
		95% Confidence Interval for Mean		
		Lower Bound	,60148	
		Upper Bound	,90700	
		5% Trimmed Mean	,75159	
		Median	,72818	
		Variance	,021	
		Std. Deviation	,145565	
		Minimum	,597	
		Maximum	,959	
		Range	,362	

		Interquartile Range		,256	
		Skewness		,370	,845
		Kurtosis		-1,851	1,741
	oatbran	Mean		4,56441	,251548
		95% Confidence Interval for Mean	Lower Bound	3,91779	
			Upper Bound	5,21104	
		5% Trimmed Mean		4,55069	
		Median		4,48466	
		Variance		,380	
		Std. Deviation		,616165	
		Minimum		3,990	
		Maximum		5,385	
		Range		1,395	
		Interquartile Range		1,124	
		Skewness		,270	,845
		Kurtosis		-2,443	1,741
lemak	tepung terigu	Mean		2,41845	,062414
		95% Confidence Interval for Mean	Lower Bound	2,25801	
			Upper Bound	2,57889	
		5% Trimmed Mean		2,42162	
		Median		2,48170	
		Variance		,023	
		Std. Deviation		,152882	
		Minimum		2,201	
		Maximum		2,578	
		Range		,377	
		Interquartile Range		,289	
		Skewness		-,772	,845
		Kurtosis		-1,485	1,741
	oatbran	Mean		6,06445	,167670
		95% Confidence Interval for Mean	Lower Bound	5,63344	
			Upper Bound	6,49546	
		5% Trimmed Mean		6,05639	
		Median		6,09237	
		Variance		,169	
		Std. Deviation		,410707	
		Minimum		5,592	
		Maximum		6,682	
		Range		1,090	
		Interquartile Range		,753	
		Skewness		,291	,845
		Kurtosis		-,621	1,741
protein	tepung terigu	Mean		13,04556	,375872
		95% Confidence Interval for Mean	Lower Bound	12,07935	

		Upper Bound	14,01177	
		5% Trimmed Mean	13,05157	
		Median	13,11934	
		Variance	,848	
		Std. Deviation	,920695	
		Minimum	11,976	
		Maximum	14,007	
		Range	2,031	
		Interquartile Range	1,782	
		Skewness	-,100	,845
		Kurtosis	-2,854	1,741
	oatbran	Mean	19,54810	,191502
		95% Confidence Interval for Mean		
		Lower Bound	19,05583	
		Upper Bound	20,04037	
		5% Trimmed Mean	19,55666	
		Median	19,63376	
		Variance	,220	
		Std. Deviation	,469081	
		Minimum	18,898	
		Maximum	20,044	
		Range	1,146	
		Interquartile Range	,927	
		Skewness	-,429	,845
		Kurtosis	-1,774	1,741
TDF	tepung terigu	Mean	51,79716	,278738
		95% Confidence Interval for Mean		
		Lower Bound	51,08064	
		Upper Bound	52,51368	
		5% Trimmed Mean	51,80535	
		Median	51,98784	
		Variance	,466	
		Std. Deviation	,682767	
		Minimum	50,882	
		Maximum	52,565	
		Range	1,683	
		Interquartile Range	1,366	
		Skewness	-,543	,845
		Kurtosis	-1,629	1,741
	oatbran	Mean	55,67488	,380852
		95% Confidence Interval for Mean		
		Lower Bound	54,69587	
		Upper Bound	56,65389	
		5% Trimmed Mean	55,69143	
		Median	55,89183	
		Variance	,870	
		Std. Deviation	,932892	

		Minimum		54,127	
		Maximum		56,924	
		Range		2,797	
		Interquartile Range		1,266	
		Skewness		-,661	,845
		Kurtosis		1,353	1,741
ADF	tepung terigu	Mean		6,00000	,057735
		95% Confidence Interval for Mean	Lower Bound	5,85159	
			Upper Bound	6,14841	
		5% Trimmed Mean		6,00000	
		Median		6,00000	
		Variance		,020	
		Std. Deviation		,141421	
		Minimum		5,800	
		Maximum		6,200	
		Range		,400	
		Interquartile Range		,250	
		Skewness		,000	,845
		Kurtosis		-,300	1,741
	oatbran	Mean		9,21667	,315612
		95% Confidence Interval for Mean	Lower Bound	8,40536	
			Upper Bound	10,02797	
		5% Trimmed Mean		9,22407	
		Median		9,30000	
		Variance		,598	
		Std. Deviation		,773089	
		Minimum		8,200	
		Maximum		10,100	
		Range		1,900	
		Interquartile Range		1,525	
		Skewness		-,237	,845
		Kurtosis		-,972	1,741
serat_larut	tepung terigu	Mean		45,79716	,257063
		95% Confidence Interval for Mean	Lower Bound	45,13636	
			Upper Bound	46,45797	
		5% Trimmed Mean		45,81091	
		Median		45,93784	
		Variance		,396	
		Std. Deviation		,629673	
		Minimum		44,882	
		Maximum		46,465	
		Range		1,583	
		Interquartile Range		1,191	
		Skewness		-,542	,845

oatbran	Kurtosis		-1,458	1,741	
	Mean		46,45821	,236076	
	95% Confidence Interval for Mean	Lower Bound		45,85136	
		Upper Bound		47,06506	
	5% Trimmed Mean		46,47265		
	Median		46,60457		
	Variance		,334		
	Std. Deviation		,578265		
	Minimum		45,627		
	Maximum		47,029		
	Range		1,402		
	Interquartile Range		1,112		
	Skewness		-,565	,845	
	Kurtosis		-1,652	1,741	

Deskripsi Statistik Karakteristik Fisik dan Kimiawi Mie Kering Instan

Descriptives

sampel			Statistic	Std. Error		
cooking_yield	kontrol	Mean	210,83333	1,536591		
		95% Confidence Interval for Mean	Lower Bound	206,88340		
			Upper Bound	214,78327		
		5% Trimmed Mean	210,92593			
		Median	210,00000			
		Variance	14,167			
		Std. Deviation	3,763863			
		Minimum	205,000			
		Maximum	215,000			
		Range	10,000			
		Interquartile Range	6,250			
		Skewness	-,313	,845		
		Kurtosis	-,104	1,741		
		konst oat 5%		Mean	218,33333	1,666667
				95% Confidence Interval for Mean	Lower Bound	214,04903
Upper Bound	222,61764					
5% Trimmed Mean	218,14815					
Median	217,50000					
Variance	16,667					
Std. Deviation	4,082483					
Minimum	215,000					
Maximum	225,000					

		Range	10,000	
		Interquartile Range	6,250	
		Skewness	,857	,845
		Kurtosis	-,300	1,741
konst oat 10%		Mean	218,33333	2,108185
		95% Confidence Interval for Mean		
		Lower Bound	212,91407	
		Upper Bound	223,75260	
		5% Trimmed Mean	218,42593	
		Median	220,00000	
		Variance	26,667	
		Std. Deviation	5,163978	
		Minimum	210,000	
		Maximum	225,000	
		Range	15,000	
		Interquartile Range	7,500	
		Skewness	-,666	,845
		Kurtosis	,586	1,741
konst oat 15%		Mean	236,66667	3,574602
		95% Confidence Interval for Mean		
		Lower Bound	227,47786	
		Upper Bound	245,85547	
		5% Trimmed Mean	236,29630	
		Median	232,50000	
		Variance	76,667	
		Std. Deviation	8,755950	
		Minimum	230,000	
		Maximum	250,000	
		Range	20,000	
		Interquartile Range	16,250	
		Skewness	,919	,845
		Kurtosis	-1,205	1,741
konst oat 20%		Mean	244,16667	1,536591
		95% Confidence Interval for Mean		
		Lower Bound	240,21673	
		Upper Bound	248,11660	
		5% Trimmed Mean	244,07407	
		Median	245,00000	
		Variance	14,167	
		Std. Deviation	3,763863	
		Minimum	240,000	
		Maximum	250,000	
		Range	10,000	
		Interquartile Range	6,250	
		Skewness	,313	,845
		Kurtosis	-,104	1,741
cooking_loss	kontrol	Mean	3,14667	,255626

	95% Confidence Interval for Mean	Lower Bound	2,48956	
		Upper Bound	3,80377	
	5% Trimmed Mean		3,14463	
	Median		2,99500	
	Variance		,392	
	Std. Deviation		,626152	
	Minimum		2,390	
	Maximum		3,940	
	Range		1,550	
	Interquartile Range		1,258	
	Skewness		,405	,845
	Kurtosis		-1,586	1,741
konst oat 5%	Mean		3,50333	,104839
	95% Confidence Interval for Mean	Lower Bound	3,23384	
		Upper Bound	3,77283	
	5% Trimmed Mean		3,50093	
	Median		3,44500	
	Variance		,066	
	Std. Deviation		,256801	
	Minimum		3,220	
	Maximum		3,830	
	Range		,610	
	Interquartile Range		,513	
	Skewness		,378	,845
	Kurtosis		-2,072	1,741
konst oat 10%	Mean		3,72333	,246572
	95% Confidence Interval for Mean	Lower Bound	3,08950	
		Upper Bound	4,35717	
	5% Trimmed Mean		3,71093	
	Median		3,58500	
	Variance		,365	
	Std. Deviation		,603976	
	Minimum		3,100	
	Maximum		4,570	
	Range		1,470	
	Interquartile Range		1,238	
	Skewness		,559	,845
	Kurtosis		-1,539	1,741
konst oat 15%	Mean		3,96333	,208625
	95% Confidence Interval for Mean	Lower Bound	3,42705	
		Upper Bound	4,49962	
	5% Trimmed Mean		3,94148	
	Median		3,90500	

		Variance		,261	
		Std. Deviation		,511025	
		Minimum		3,440	
		Maximum		4,880	
		Range		1,440	
		Interquartile Range		,758	
		Skewness		1,263	,845
		Kurtosis		2,043	1,741
	konst oat 20%	Mean		4,04667	,085777
		95% Confidence Interval for Mean	Lower Bound	3,82617	
			Upper Bound	4,26716	
		5% Trimmed Mean		4,04519	
		Median		3,96500	
		Variance		,044	
		Std. Deviation		,210111	
		Minimum		3,800	
		Maximum		4,320	
		Range		,520	
		Interquartile Range		,393	
		Skewness		,557	,845
		Kurtosis		-1,560	1,741
	konst oat 5%	Mean		,14381	,013273
		95% Confidence Interval for Mean	Lower Bound	,10969	
			Upper Bound	,17793	
		5% Trimmed Mean		,14401	
		Median		,14024	
		Variance		,001	
		Std. Deviation		,032512	
		Minimum		,097	
		Maximum		,187	
		Range		,090	
		Interquartile Range		,054	
		Skewness		-,095	,845
		Kurtosis		-,686	1,741
	konst oat 5%	Mean		,11804	,009862
		95% Confidence Interval for Mean	Lower Bound	,09269	
			Upper Bound	,14339	
		5% Trimmed Mean		,11668	
		Median		,11049	
		Variance		,001	
		Std. Deviation		,024157	
		Minimum		,097	
		Maximum		,164	
		Range		,067	

		Interquartile Range		,031	
		Skewness		1,777	,845
		Kurtosis		3,459	1,741
	konst oat 10%	Mean		,08570	,002302
		95% Confidence Interval for Mean	Lower Bound	,07979	
			Upper Bound	,09162	
		5% Trimmed Mean		,08572	
		Median		,08563	
		Variance		,000	
		Std. Deviation		,005638	
		Minimum		,077	
		Maximum		,094	
		Range		,017	
		Interquartile Range		,008	
		Skewness		-,133	,845
		Kurtosis		1,055	1,741
	konst oat 15%	Mean		,06711	,003548
		95% Confidence Interval for Mean	Lower Bound	,05799	
			Upper Bound	,07623	
		5% Trimmed Mean		,06707	
		Median		,06582	
		Variance		,000	
		Std. Deviation		,008691	
		Minimum		,058	
		Maximum		,077	
		Range		,019	
		Interquartile Range		,018	
		Skewness		,241	,845
		Kurtosis		-2,441	1,741
	konst oat 20%	Mean		,06062	,002228
		95% Confidence Interval for Mean	Lower Bound	,05489	
			Upper Bound	,06634	
		5% Trimmed Mean		,06035	
		Median		,05911	
		Variance		,000	
		Std. Deviation		,005458	
		Minimum		,055	
		Maximum		,071	
		Range		,016	
		Interquartile Range		,006	
		Skewness		1,705	,845
		Kurtosis		3,733	1,741
kadar_air	kontrol	Mean		11,43436	,209895
		95% Confidence Interval for Mean	Lower Bound	10,89481	

		Upper Bound	11,97391	
	5% Trimmed Mean		11,43592	
	Median		11,43371	
	Variance		,264	
	Std. Deviation		,514136	
	Minimum		10,642	
	Maximum		12,198	
	Range		1,556	
	Interquartile Range		,740	
	Skewness		-,102	,845
	Kurtosis		1,173	1,741
konst oat 5%	Mean		10,67774	,120187
	95% Confidence Interval for Mean	Lower Bound	10,36879	
		Upper Bound	10,98670	
	5% Trimmed Mean		10,67519	
	Median		10,66743	
	Variance		,087	
	Std. Deviation		,294397	
	Minimum		10,295	
	Maximum		11,106	
	Range		,811	
	Interquartile Range		,520	
	Skewness		,222	,845
	Kurtosis		-,729	1,741
konst oat 10%	Mean		10,39835	,191996
	95% Confidence Interval for Mean	Lower Bound	9,90480	
		Upper Bound	10,89189	
	5% Trimmed Mean		10,37089	
	Median		10,26256	
	Variance		,221	
	Std. Deviation		,470292	
	Minimum		10,013	
	Maximum		11,278	
	Range		1,264	
	Interquartile Range		,616	
	Skewness		1,646	,845
	Kurtosis		2,845	1,741
konst oat 15%	Mean		9,26055	,130678
	95% Confidence Interval for Mean	Lower Bound	8,92463	
		Upper Bound	9,59647	
	5% Trimmed Mean		9,25454	
	Median		9,21835	
	Variance		,102	
	Std. Deviation		,320095	

		Minimum		8,852	
		Maximum		9,777	
		Range		,925	
		Interquartile Range		,510	
		Skewness		,606	,845
		Kurtosis		,510	1,741
	konst oat 20%	Mean		8,59398	,107257
		95% Confidence Interval for Mean	Lower Bound	8,31827	
			Upper Bound	8,86970	
		5% Trimmed Mean		8,59332	
		Median		8,58141	
		Variance		,069	
		Std. Deviation		,262725	
		Minimum		8,269	
		Maximum		8,931	
		Range		,662	
		Interquartile Range		,521	
		Skewness		,093	,845
		Kurtosis		-1,771	1,741
kadar_abu	kontrol	Mean		1,93243	,130742
		95% Confidence Interval for Mean	Lower Bound	1,59635	
			Upper Bound	2,26851	
		5% Trimmed Mean		1,93095	
		Median		1,95067	
		Variance		,103	
		Std. Deviation		,320251	
		Minimum		1,549	
		Maximum		2,343	
		Range		,794	
		Interquartile Range		,658	
		Skewness		-,044	,845
		Kurtosis		-1,680	1,741
	konst oat 5%	Mean		2,70831	,171716
		95% Confidence Interval for Mean	Lower Bound	2,26690	
			Upper Bound	3,14972	
		5% Trimmed Mean		2,70502	
		Median		2,73013	
		Variance		,177	
		Std. Deviation		,420615	
		Minimum		2,103	
		Maximum		3,373	
		Range		1,270	
		Interquartile Range		,593	
		Skewness		,247	,845

		Kurtosis		1,204	1,741
konst oat 10%		Mean		2,85187	,217928
		95% Confidence Interval for Mean	Lower Bound	2,29167	
			Upper Bound	3,41207	
		5% Trimmed Mean		2,86979	
		Median		2,99857	
		Variance		,285	
		Std. Deviation		,533812	
		Minimum		2,005	
		Maximum		3,376	
		Range		1,372	
		Interquartile Range		,901	
		Skewness		-,780	,845
		Kurtosis		-,641	1,741
konst oat 15%		Mean		3,64328	,276301
		95% Confidence Interval for Mean	Lower Bound	2,93303	
			Upper Bound	4,35354	
		5% Trimmed Mean		3,64010	
		Median		3,57525	
		Variance		,458	
		Std. Deviation		,676797	
		Minimum		2,871	
		Maximum		4,473	
		Range		1,601	
		Interquartile Range		1,458	
		Skewness		,220	,845
		Kurtosis		-1,807	1,741
konst oat 20%		Mean		4,30604	,224239
		95% Confidence Interval for Mean	Lower Bound	3,72962	
			Upper Bound	4,88247	
		5% Trimmed Mean		4,30984	
		Median		4,35674	
		Variance		,302	
		Std. Deviation		,549272	
		Minimum		3,651	
		Maximum		4,893	
		Range		1,242	
		Interquartile Range		1,211	
		Skewness		-,205	,845
		Kurtosis		-1,910	1,741
kadar_lemak	kontrol	Mean		,51887	,035967
		95% Confidence Interval for Mean	Lower Bound	,42641	
			Upper Bound	,61133	

	5% Trimmed Mean		,51791	
	Median		,51135	
	Variance		,008	
	Std. Deviation		,088102	
	Minimum		,415	
	Maximum		,640	
	Range		,226	
	Interquartile Range		,155	
	Skewness		,233	,845
	Kurtosis		-1,790	1,741
konst oat 5%	Mean		,51793	,041729
	95% Confidence Interval for Mean	Lower Bound	,41067	
		Upper Bound	,62520	
	5% Trimmed Mean		,51803	
	Median		,51756	
	Variance		,010	
	Std. Deviation		,102214	
	Minimum		,409	
	Maximum		,625	
	Range		,216	
	Interquartile Range		,212	
	Skewness		,004	,845
	Kurtosis		-2,768	1,741
konst oat 10%	Mean		,60206	,026809
	95% Confidence Interval for Mean	Lower Bound	,53314	
		Upper Bound	,67097	
	5% Trimmed Mean		,60222	
	Median		,61358	
	Variance		,004	
	Std. Deviation		,065669	
	Minimum		,525	
	Maximum		,676	
	Range		,150	
	Interquartile Range		,135	
	Skewness		-,270	,845
	Kurtosis		-2,239	1,741
konst oat 15%	Mean		,82256	,042927
	95% Confidence Interval for Mean	Lower Bound	,71222	
		Upper Bound	,93291	
	5% Trimmed Mean		,81736	
	Median		,78842	
	Variance		,011	
	Std. Deviation		,105150	
	Minimum		,720	

		Maximum	1,019	
		Range	,300	
		Interquartile Range	,135	
		Skewness	1,624	,845
		Kurtosis	3,029	1,741
	konst oat 20%	Mean	1,26726	,051024
		95% Confidence Interval for Mean	Lower Bound	1,13610
			Upper Bound	1,39843
		5% Trimmed Mean	1,26585	
		Median	1,27688	
		Variance	,016	
		Std. Deviation	,124982	
		Minimum	1,121	
		Maximum	1,439	
		Range	,317	
		Interquartile Range	,228	
		Skewness	,118	,845
		Kurtosis	-1,684	1,741
protein	kontrol	Mean	12,28436	,163845
		95% Confidence Interval for Mean	Lower Bound	11,86319
			Upper Bound	12,70554
		5% Trimmed Mean	12,28721	
		Median	12,33640	
		Variance	,161	
		Std. Deviation	,401336	
		Minimum	11,805	
		Maximum	12,712	
		Range	,907	
		Interquartile Range	,872	
		Skewness	-,270	,845
		Kurtosis	-2,027	1,741
	konst oat 5%	Mean	12,29112	,225785
		95% Confidence Interval for Mean	Lower Bound	11,71072
			Upper Bound	12,87152
		5% Trimmed Mean	12,28876	
		Median	12,27603	
		Variance	,306	
		Std. Deviation	,553057	
		Minimum	11,732	
		Maximum	12,892	
		Range	1,160	
		Interquartile Range	1,052	
		Skewness	,032	,845
		Kurtosis	-3,112	1,741

	konst oat 10%	Mean		12,68602	,279715
		95% Confidence Interval for Mean	Lower Bound	11,96699	
			Upper Bound	13,40505	
		5% Trimmed Mean		12,68636	
		Median		12,76722	
		Variance		,469	
		Std. Deviation		,685158	
		Minimum		11,955	
		Maximum		13,411	
		Range		1,455	
		Interquartile Range		1,334	
		Skewness		-,095	,845
		Kurtosis		-2,917	1,741
	konst oat 15%	Mean		13,69243	,325250
		95% Confidence Interval for Mean	Lower Bound	12,85635	
			Upper Bound	14,52852	
		5% Trimmed Mean		13,70715	
		Median		13,81257	
		Variance		,635	
		Std. Deviation		,796695	
		Minimum		12,590	
		Maximum		14,531	
		Range		1,941	
		Interquartile Range		1,490	
		Skewness		-,355	,845
		Kurtosis		-1,978	1,741
	konst oat 20%	Mean		14,59180	,500517
		95% Confidence Interval for Mean	Lower Bound	13,30518	
			Upper Bound	15,87842	
		5% Trimmed Mean		14,59002	
		Median		14,59694	
		Variance		1,503	
		Std. Deviation		1,226012	
		Minimum		13,403	
		Maximum		15,813	
		Range		2,410	
		Interquartile Range		2,279	
		Skewness		,002	,845
		Kurtosis		-3,282	1,741
TDF	kontrol	Mean		28,44880	,437952
		95% Confidence Interval for Mean	Lower Bound	27,32301	
			Upper Bound	29,57459	
		5% Trimmed Mean		28,44384	

	Median		28,59903	
	Variance		1,151	
	Std. Deviation		1,072759	
	Minimum		27,169	
	Maximum		29,818	
	Range		2,650	
	Interquartile Range		2,197	
	Skewness		-,182	,845
	Kurtosis		-1,559	1,741
konst oat 5%	Mean		27,89705	,404719
	95% Confidence Interval for Mean	Lower Bound	26,85669	
		Upper Bound	28,93741	
	5% Trimmed Mean		27,84968	
	Median		27,62415	
	Variance		,983	
	Std. Deviation		,991356	
	Minimum		26,880	
	Maximum		29,767	
	Range		2,887	
	Interquartile Range		1,149	
	Skewness		1,645	,845
	Kurtosis		3,428	1,741
konst oat 10%	Mean		27,91941	,248657
	95% Confidence Interval for Mean	Lower Bound	27,28022	
		Upper Bound	28,55861	
	5% Trimmed Mean		27,90556	
	Median		27,88907	
	Variance		,371	
	Std. Deviation		,609082	
	Minimum		27,157	
	Maximum		28,931	
	Range		1,774	
	Interquartile Range		,931	
	Skewness		,703	,845
	Kurtosis		,972	1,741
konst oat 15%	Mean		28,71299	,278406
	95% Confidence Interval for Mean	Lower Bound	27,99732	
		Upper Bound	29,42865	
	5% Trimmed Mean		28,67523	
	Median		28,51780	
	Variance		,465	
	Std. Deviation		,681953	
	Minimum		28,091	
	Maximum		30,015	

		Range	1,924	
		Interquartile Range	,838	
		Skewness	1,787	,845
		Kurtosis	3,623	1,741
	konst oat 20%	Mean	30,49423	,202233
		95% Confidence Interval for Mean		
		Lower Bound	29,97437	
		Upper Bound	31,01409	
		5% Trimmed Mean	30,49264	
		Median	30,57670	
		Variance	,245	
		Std. Deviation	,495369	
		Minimum	29,865	
		Maximum	31,152	
		Range	1,286	
		Interquartile Range	,956	
		Skewness	-,164	,845
		Kurtosis	-1,274	1,741
ADF	kontrol	Mean	2,26667	,111555
		95% Confidence Interval for Mean		
		Lower Bound	1,97991	
		Upper Bound	2,55343	
		5% Trimmed Mean	2,25741	
		Median	2,15000	
		Variance	,075	
		Std. Deviation	,273252	
		Minimum	2,000	
		Maximum	2,700	
		Range	,700	
		Interquartile Range	,475	
		Skewness	,964	,845
		Kurtosis	-,619	1,741
	konst oat 5%	Mean	2,71667	,079232
		95% Confidence Interval for Mean		
		Lower Bound	2,51299	
		Upper Bound	2,92034	
		5% Trimmed Mean	2,72407	
		Median	2,75000	
		Variance	,038	
		Std. Deviation	,194079	
		Minimum	2,400	
		Maximum	2,900	
		Range	,500	
		Interquartile Range	,350	
		Skewness	-,839	,845
		Kurtosis	-,059	1,741
	konst oat 10%	Mean	2,90000	,157056

		95% Confidence Interval for Mean	Lower Bound	2,49627	
			Upper Bound	3,30373	
		5% Trimmed Mean		2,90000	
		Median		3,00000	
		Variance		,148	
		Std. Deviation		,384708	
		Minimum		2,400	
		Maximum		3,400	
		Range		1,000	
		Interquartile Range		,700	
		Skewness		-,253	,845
		Kurtosis		-1,335	1,741
	konst oat 15%	Mean		2,85000	,201246
		95% Confidence Interval for Mean	Lower Bound	2,33268	
			Upper Bound	3,36732	
		5% Trimmed Mean		2,84444	
		Median		2,85000	
		Variance		,243	
		Std. Deviation		,492950	
		Minimum		2,200	
		Maximum		3,600	
		Range		1,400	
		Interquartile Range		,800	
		Skewness		,301	,845
		Kurtosis		-,147	1,741
	konst oat 20%	Mean		3,13333	,133333
		95% Confidence Interval for Mean	Lower Bound	2,79059	
			Upper Bound	3,47608	
		5% Trimmed Mean		3,12593	
		Median		3,10000	
		Variance		,107	
		Std. Deviation		,326599	
		Minimum		2,700	
		Maximum		3,700	
		Range		1,000	
		Interquartile Range		,400	
		Skewness		,848	,845
		Kurtosis		2,284	1,741
serat_larut	kontrol	Mean		26,18213	,378226
		95% Confidence Interval for Mean	Lower Bound	25,20987	
			Upper Bound	27,15439	
		5% Trimmed Mean		26,17740	
		Median		26,19903	

	Variance			,858	
	Std. Deviation			,926462	
	Minimum			25,131	
	Maximum			27,318	
	Range			2,187	
	Interquartile Range			1,978	
	Skewness			-,006	,845
	Kurtosis			-1,894	1,741
konst oat 5%	Mean			25,18038	,472044
	95% Confidence Interval for Mean	Lower Bound		23,96695	
		Upper Bound		26,39381	
	5% Trimmed Mean			25,12560	
	Median			24,84748	
	Variance			1,337	
	Std. Deviation			1,156268	
	Minimum			23,980	
	Maximum			27,367	
	Range			3,387	
	Interquartile Range			1,309	
	Skewness			1,659	,845
	Kurtosis			3,543	1,741
konst oat 10%	Mean			25,01941	,332854
	95% Confidence Interval for Mean	Lower Bound		24,16379	
		Upper Bound		25,87504	
	5% Trimmed Mean			24,99445	
	Median			24,81838	
	Variance			,665	
	Std. Deviation			,815323	
	Minimum			24,057	
	Maximum			26,431	
	Range			2,374	
	Interquartile Range			1,187	
	Skewness			1,040	,845
	Kurtosis			1,490	1,741
konst oat 15%	Mean			25,86299	,300176
	95% Confidence Interval for Mean	Lower Bound		25,09136	
		Upper Bound		26,63462	
	5% Trimmed Mean			25,86192	
	Median			25,81625	
	Variance			,541	
	Std. Deviation			,735278	
	Minimum			24,730	
	Maximum			27,015	
	Range			2,285	

	Interquartile Range		,862	
	Skewness		,062	,845
	Kurtosis		1,918	1,741
konst oat 20%	Mean		27,36090	,285312
	95% Confidence Interval for Mean	Lower Bound	26,62748	
		Upper Bound	28,09431	
	5% Trimmed Mean		27,38285	
	Median		27,56408	
	Variance		,488	
	Std. Deviation		,698869	
	Minimum		26,275	
	Maximum		28,052	
	Range		1,777	
	Interquartile Range		1,329	
	Skewness		-,828	,845
	Kurtosis		-,772	1,741

Deskripsi Statistik Karakteristik Sensori Mie Kering Instan

konsentrasi_oat		Descriptives		Statistic	Std. Error
warna	kontrol	Mean		3,83	,235
		95% Confidence Interval for Mean	Lower Bound	3,35	
			Upper Bound	4,31	
		5% Trimmed Mean		3,93	
		Median		4,00	
		Variance		1,661	
		Std. Deviation		1,289	
		Minimum		1	
		Maximum		5	
		Range		4	
		Interquartile Range		2	
		Skewness		-1,118	,427
		Kurtosis		,319	,833
	konst oat 5%	Mean		3,80	,182
		95% Confidence Interval for Mean	Lower Bound	3,43	
			Upper Bound	4,17	
		5% Trimmed Mean		3,83	
		Median		4,00	
		Variance		,993	
		Std. Deviation		,997	

	Minimum		2	
	Maximum		5	
	Range		3	
	Interquartile Range		2	
	Skewness		-,466	,427
	Kurtosis		-,711	,833
konst oat 10%	Mean		3,60	,156
	95% Confidence Interval for Mean	Lower Bound	3,28	
		Upper Bound	3,92	
	5% Trimmed Mean		3,61	
	Median		4,00	
	Variance		,731	
	Std. Deviation		,855	
	Minimum		2	
	Maximum		5	
	Range		3	
	Interquartile Range		1	
	Skewness		-,156	,427
	Kurtosis		-,428	,833
konst oat 15%	Mean		2,73	,166
	95% Confidence Interval for Mean	Lower Bound	2,39	
		Upper Bound	3,07	
	5% Trimmed Mean		2,76	
	Median		3,00	
	Variance		,823	
	Std. Deviation		,907	
	Minimum		1	
	Maximum		4	
	Range		3	
	Interquartile Range		1	
	Skewness		-,314	,427
	Kurtosis		-,525	,833
konst oat 20%	Mean		2,60	,223
	95% Confidence Interval for Mean	Lower Bound	2,14	
		Upper Bound	3,06	
	5% Trimmed Mean		2,56	
	Median		2,50	
	Variance		1,490	
	Std. Deviation		1,221	
	Minimum		1	
	Maximum		5	
	Range		4	
	Interquartile Range		1	
	Skewness		,483	,427

aroma	kontrol	Kurtosis		-436	,833		
		Mean		3,70	,193		
		95% Confidence Interval for Mean	Lower Bound	3,31			
			Upper Bound	4,09			
		5% Trimmed Mean		3,76			
		Median		4,00			
		Variance		1,114			
		Std. Deviation		1,055			
		Minimum		1			
		Maximum		5			
		Range		4			
		Interquartile Range		1			
		Skewness		-,664	,427		
		Kurtosis		,081	,833		
		konst oat 5%		Mean		3,63	,182
				95% Confidence Interval for Mean	Lower Bound	3,26	
					Upper Bound	4,01	
5% Trimmed Mean				3,69			
Median				4,00			
Variance				,999			
Std. Deviation				,999			
Minimum				1			
Maximum				5			
Range				4			
Interquartile Range				1			
Skewness				-,728	,427		
Kurtosis				,415	,833		
konst oat 10%				Mean		3,80	,188
				95% Confidence Interval for Mean	Lower Bound	3,42	
					Upper Bound	4,18	
				5% Trimmed Mean		3,83	
		Median		4,00			
		Variance		1,062			
		Std. Deviation		1,031			
		Minimum		2			
		Maximum		5			
		Range		3			
		Interquartile Range		2			
		Skewness		-,381	,427		
		Kurtosis		-,948	,833		
		konst oat 15%		Mean		3,03	,189
				95% Confidence Interval for Mean	Lower Bound	2,65	
					Upper Bound	3,42	

		5% Trimmed Mean		3,04	
		Median		3,00	
		Variance		1,068	
		Std. Deviation		1,033	
		Minimum		1	
		Maximum		5	
		Range		4	
		Interquartile Range		2	
		Skewness		-,070	,427
		Kurtosis		-,396	,833
	konst oat 20%	Mean		3,07	,197
		95% Confidence Interval for Mean	Lower Bound	2,66	
			Upper Bound	3,47	
		5% Trimmed Mean		3,07	
		Median		3,00	
		Variance		1,168	
		Std. Deviation		1,081	
		Minimum		1	
		Maximum		5	
		Range		4	
		Interquartile Range		2	
		Skewness		,036	,427
		Kurtosis		-,452	,833
rasa	kontrol	Mean		3,50	,190
		95% Confidence Interval for Mean	Lower Bound	3,11	
			Upper Bound	3,89	
		5% Trimmed Mean		3,54	
		Median		4,00	
		Variance		1,086	
		Std. Deviation		1,042	
		Minimum		1	
		Maximum		5	
		Range		4	
		Interquartile Range		1	
		Skewness		-,587	,427
		Kurtosis		-,250	,833
	konst oat 5%	Mean		3,73	,166
		95% Confidence Interval for Mean	Lower Bound	3,39	
			Upper Bound	4,07	
		5% Trimmed Mean		3,76	
		Median		4,00	
		Variance		,823	
		Std. Deviation		,907	
		Minimum		2	

	Maximum		5	
	Range		3	
	Interquartile Range		1	
	Skewness		-.611	,427
	Kurtosis		-.174	,833
konst oat 10%	Mean		3,83	,145
	95% Confidence Interval for Mean	Lower Bound	3,54	
		Upper Bound	4,13	
	5% Trimmed Mean		3,85	
	Median		4,00	
	Variance		,626	
	Std. Deviation		,791	
	Minimum		2	
	Maximum		5	
	Range		3	
	Interquartile Range		1	
	Skewness		-.132	,427
	Kurtosis		-.444	,833
konst oat 15%	Mean		3,30	,187
	95% Confidence Interval for Mean	Lower Bound	2,92	
		Upper Bound	3,68	
	5% Trimmed Mean		3,31	
	Median		3,00	
	Variance		1,045	
	Std. Deviation		1,022	
	Minimum		1	
	Maximum		5	
	Range		4	
	Interquartile Range		1	
	Skewness		-.245	,427
	Kurtosis		-.505	,833
konst oat 20%	Mean		3,20	,182
	95% Confidence Interval for Mean	Lower Bound	2,83	
		Upper Bound	3,57	
	5% Trimmed Mean		3,24	
	Median		3,00	
	Variance		,993	
	Std. Deviation		,997	
	Minimum		1	
	Maximum		5	
	Range		4	
	Interquartile Range		1	
	Skewness		-.654	,427
	Kurtosis		-.195	,833

kekentalan	kontrol	Mean		3,27	,203			
		95% Confidence Interval for Mean	Lower Bound	2,85				
			Upper Bound	3,68				
		5% Trimmed Mean		3,28				
		Median		3,00				
		Variance		1,237				
		Std. Deviation		1,112				
		Minimum		1				
		Maximum		5				
		Range		4				
		Interquartile Range		2				
		Skewness		-,088		,427		
		Kurtosis		-,952		,833		
		konst oat 5%		Mean			3,63	,189
				95% Confidence Interval for Mean		Lower Bound	3,25	
Upper Bound	4,02							
5% Trimmed Mean				3,69				
Median				4,00				
Variance				1,068				
Std. Deviation				1,033				
Minimum				1				
Maximum				5				
Range				4				
Interquartile Range				1				
Skewness				-,785	,427			
Kurtosis				,200	,833			
konst oat 10%				Mean		3,00	,179	
				95% Confidence Interval for Mean	Lower Bound	2,63		
		Upper Bound	3,37					
		5% Trimmed Mean		3,02				
		Median		3,00				
		Variance		,966				
		Std. Deviation		,983				
		Minimum		1				
		Maximum		5				
		Range		4				
		Interquartile Range		2				
		Skewness		-,234	,427			
		Kurtosis		-,425	,833			
		konst oat 15%		Mean		2,93		,166
				95% Confidence Interval for Mean	Lower Bound	2,59		
Upper Bound	3,27							
5% Trimmed Mean		2,93						

		Median		3,00	
		Variance		,823	
		Std. Deviation		,907	
		Minimum		1	
		Maximum		5	
		Range		4	
		Interquartile Range		2	
		Skewness		,138	,427
		Kurtosis		-,325	,833
	konst oat 20%	Mean		2,80	,200
		95% Confidence Interval for Mean	Lower Bound	2,39	
			Upper Bound	3,21	
		5% Trimmed Mean		2,78	
		Median		3,00	
		Variance		1,200	
		Std. Deviation		1,095	
		Minimum		1	
		Maximum		5	
		Range		4	
		Interquartile Range		1	
		Skewness		,088	,427
		Kurtosis		-,330	,833
tekstur	kontrol	Mean		3,57	,202
		95% Confidence Interval for Mean	Lower Bound	3,15	
			Upper Bound	3,98	
		5% Trimmed Mean		3,61	
		Median		4,00	
		Variance		1,220	
		Std. Deviation		1,104	
		Minimum		1	
		Maximum		5	
		Range		4	
		Interquartile Range		1	
		Skewness		-,510	,427
		Kurtosis		-,488	,833
	konst oat 5%	Mean		3,90	,175
		95% Confidence Interval for Mean	Lower Bound	3,54	
			Upper Bound	4,26	
		5% Trimmed Mean		3,94	
		Median		4,00	
		Variance		,921	
		Std. Deviation		,960	
		Minimum		2	
		Maximum		5	

		Range	3	
		Interquartile Range	2	
		Skewness	-,542	,427
		Kurtosis	-,524	,833
konst oat 10%		Mean	3,70	,153
		95% Confidence Interval for Mean		
		Lower Bound	3,39	
		Upper Bound	4,01	
		5% Trimmed Mean	3,72	
		Median	4,00	
		Variance	,700	
		Std. Deviation	,837	
		Minimum	2	
		Maximum	5	
		Range	3	
		Interquartile Range	1	
		Skewness	-,121	,427
		Kurtosis	-,438	,833
konst oat 15%		Mean	3,17	,180
		95% Confidence Interval for Mean		
		Lower Bound	2,80	
		Upper Bound	3,53	
		5% Trimmed Mean	3,13	
		Median	3,00	
		Variance	,971	
		Std. Deviation	,986	
		Minimum	2	
		Maximum	5	
		Range	3	
		Interquartile Range	2	
		Skewness	,339	,427
		Kurtosis	-,890	,833
konst oat 20%		Mean	2,53	,157
		95% Confidence Interval for Mean		
		Lower Bound	2,21	
		Upper Bound	2,85	
		5% Trimmed Mean	2,54	
		Median	2,50	
		Variance	,740	
		Std. Deviation	,860	
		Minimum	1	
		Maximum	4	
		Range	3	
		Interquartile Range	1	
		Skewness	,064	,427
		Kurtosis	-,505	,833
overall	kontrol	Mean	3,50	,190

	95% Confidence Interval for Mean	Lower Bound	3,11	
		Upper Bound	3,89	
	5% Trimmed Mean		3,56	
	Median		4,00	
	Variance		1,086	
	Std. Deviation		1,042	
	Minimum		1	
	Maximum		5	
	Range		4	
	Interquartile Range		1	
	Skewness		-,979	,427
	Kurtosis		,613	,833
konst oat 5%	Mean		3,97	,182
	95% Confidence Interval for Mean	Lower Bound	3,59	
		Upper Bound	4,34	
	5% Trimmed Mean		4,06	
	Median		4,00	
	Variance		,999	
	Std. Deviation		,999	
	Minimum		1	
	Maximum		5	
	Range		4	
	Interquartile Range		2	
	Skewness		-1,040	,427
	Kurtosis		1,300	,833
konst oat 10%	Mean		3,63	,131
	95% Confidence Interval for Mean	Lower Bound	3,37	
		Upper Bound	3,90	
	5% Trimmed Mean		3,59	
	Median		3,50	
	Variance		,516	
	Std. Deviation		,718	
	Minimum		3	
	Maximum		5	
	Range		2	
	Interquartile Range		1	
	Skewness		,692	,427
	Kurtosis		-,699	,833
konst oat 15%	Mean		3,13	,178
	95% Confidence Interval for Mean	Lower Bound	2,77	
		Upper Bound	3,50	
	5% Trimmed Mean		3,09	
	Median		3,00	

	Variance			,947	
	Std. Deviation			,973	
	Minimum			2	
	Maximum			5	
	Range			3	
	Interquartile Range			2	
	Skewness			,679	,427
	Kurtosis			-,310	,833
konst oat 20%	Mean			3,00	,214
	95% Confidence Interval for Mean	Lower Bound		2,56	
		Upper Bound		3,44	
	5% Trimmed Mean			3,00	
	Median			3,00	
	Variance			1,379	
	Std. Deviation			1,174	
	Minimum			1	
	Maximum			5	
	Range			4	
	Interquartile Range			2	
	Skewness			,274	,427
	Kurtosis			-,840	,833



Lampiran 6. Hasil Uji Beda

Uji Beda Karakteristik Kimiawi Tepung Terigu dan Oatbran

Independent Samples Test

		Levene's Test for Equality of Variances		t-test for Equality of Means						
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	95% Confidence Interval of the Difference	
									Lower	Upper
kadar_air	Equal variances assumed	,653	,438	3,709	10	,004	1,129797	,304617	,451069	1,808525
	Equal variances not assumed			3,709	7,212	,007	1,129797	,304617	,413756	1,845837
kadar_abu	Equal variances assumed	37,028	,000	-14,741	10	,000	-3,810168	,258473	-4,386081	-3,234255
	Equal variances not assumed			-14,741	5,556	,000	-3,810168	,258473	-4,455073	-3,165264
lemak	Equal variances assumed	3,909	,076	-20,379	10	,000	-3,646001	,178910	-4,044638	-3,247364
	Equal variances not assumed			-20,379	6,360	,000	-3,646001	,178910	-4,077849	-3,214153
protein	Equal variances assumed	14,307	,004	-15,415	10	,000	-6,502534	,421845	-7,442462	-5,562605
	Equal variances not assumed			-15,415	7,432	,000	-6,502534	,421845	-7,488406	-5,516662
TDF	Equal variances assumed	,167	,692	-8,216	10	,000	-3,877712	,471957	-4,929297	-2,826128
	Equal variances not assumed			-8,216	9,162	,000	-3,877712	,471957	-4,942477	-2,812948
ADF	Equal variances assumed	18,395	,002	-10,025	10	,000	-3,216667	,320850	-3,931564	-2,501769
	Equal variances not assumed			-10,025	5,334	,000	-3,216667	,320850	-4,026132	-2,407202
serat_larut	Equal variances assumed	,060	,811	-1,894	10	,087	-,661046	,349017	-1,438705	,116613
	Equal variances not assumed			-1,894	9,928	,088	-,661046	,349017	-1,439467	,117375

Uji Beda Karakteristik Fisik dan Kimiawi Mie Kering Instan

ANOVA

		Sum of Squares	df	Mean Square	F	Sig.
cooking_yield	Between Groups	4745,000	4	1186,250	39,986	,000
	Within Groups	741,667	25	29,667		
	Total	5486,667	29			
cooking_loss	Between Groups	3,193	4	,798	3,538	,020
	Within Groups	5,640	25	,226		
	Total	8,834	29			
kelentingan	Between Groups	,030	4	,007	20,923	,000
	Within Groups	,009	25	,000		

	Total	,039	29			
kadar_air	Between Groups	31,035	4	7,759	52,165	,000
	Within Groups	3,718	25	,149		
	Total	34,753	29			
kadar_abu	Between Groups	19,963	4	4,991	18,845	,000
	Within Groups	6,621	25	,265		
	Total	26,584	29			
kadar_lemak	Between Groups	2,411	4	,603	61,266	,000
	Within Groups	,246	25	,010		
	Total	2,657	29			
protein	Between Groups	24,402	4	6,100	9,922	,000
	Within Groups	15,371	25	,615		
	Total	39,773	29			
TDF	Between Groups	27,219	4	6,805	10,583	,000
	Within Groups	16,075	25	,643		
	Total	43,294	29			
ADF	Between Groups	2,469	4	,617	5,059	,004
	Within Groups	3,050	25	,122		
	Total	5,519	29			
serat_larut	Between Groups	21,037	4	5,259	6,762	,001
	Within Groups	19,445	25	,778		
	Total	40,483	29			

Post Hoc Karakteristik Fisik Mie Kering Instan

cooking_yield

Duncan

sampel	N	Subset for alpha = .05			
		1	2	3	4
kontrol	6	210,83333			
konst oat 5%	6		218,33333		
konst oat 10%	6		218,33333		
konst oat 15%	6			236,66667	
konst oat 20%	6				244,16667
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_loss

Duncan

sampel	N	Subset for alpha = .05	
		1	2
kontrol	6	3,14667	
konst oat 5%	6	3,50333	3,50333
konst oat 10%	6	3,72333	3,72333
konst oat 15%	6		3,96333
konst oat 20%	6		4,04667
Sig.		,056	,080

Means for groups in homogeneous subsets are displayed.
a. Uses Harmonic Mean Sample Size = 6,000.

kelentingan

Duncan

sampel	N	Subset for alpha = .05			
		1	2	3	4
konst oat 20%	6	,06062			
konst oat 15%	6	,06711	,06711		
konst oat 10%	6		,08570		
konst oat 5%	6			,11804	
kontrol	6				,14381
Sig.		,556	,100	1,000	1,000

Means for groups in homogeneous subsets are displayed.

a Uses Harmonic Mean Sample Size = 6,000.

Post Hoc Karakteristik Kimiawi Mie Kering Instan**kadar_air**

Duncan

sampel	N	Subset for alpha = .05			
		1	2	3	4
konst oat 20%	6	8,59398			
konst oat 15%	6		9,26055		
konst oat 10%	6			10,39835	
konst oat 5%	6			10,67774	
kontrol	6				11,43436
Sig.		1,000	1,000	,221	1,000

Means for groups in homogeneous subsets are displayed.

a Uses Harmonic Mean Sample Size = 6,000.

kadar_abu

Duncan

sampel	N	Subset for alpha = .05			
		1	2	3	4
kontrol	6	1,93243			
konst oat 5%	6		2,70831		
konst oat 10%	6		2,85187		
konst oat 15%	6			3,64328	
konst oat 20%	6				4,30604
Sig.		1,000	,633	1,000	1,000

Means for groups in homogeneous subsets are displayed.

a Uses Harmonic Mean Sample Size = 6,000.

kadar lemak

Duncan

sampel	N	Subset for alpha = .05		
		1	2	3
konst oat 5%	6	,51793		
kontrol	6	,51887		
konst oat 10%	6	,60206		
konst oat 15%	6		,82256	
konst oat 20%	6			1,26726
Sig.		,177	1,000	1,000

Means for groups in homogeneous subsets are displayed.

a Uses Harmonic Mean Sample Size = 6,000.

protein

Duncan

sampel	N	Subset for alpha = .05	
		1	2
kontrol	6	12,28436	
konst oat 5%	6	12,29112	
konst oat 10%	6	12,68602	
konst oat 15%	6		13,69243
konst oat 20%	6		14,59180
Sig.		,411	,058

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 6,000.

TDF

Duncan

sampel	N	Subset for alpha = .05	
		1	2
konst oat 5%	6	27,89705	
konst oat 10%	6	27,91941	
kontrol	6	28,44880	
konst oat 15%	6	28,71299	
konst oat 20%	6		30,49423
Sig.		,118	1,000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 6,000.

ADF

Duncan

sampel	N	Subset for alpha = .05	
		1	2
kontrol	6	2,26667	
konst oat 5%	6		2,71667
konst oat 15%	6		2,85000
konst oat 10%	6		2,90000
konst oat 20%	6		3,13333
Sig.		1,000	,068

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 6,000.

serat_larut

Duncan

sampel	N	Subset for alpha = .05		
		1	2	3
konst oat 10%	6	25,01941		
konst oat 5%	6	25,18038	25,18038	
konst oat 15%	6	25,86299	25,86299	
kontrol	6		26,18213	
konst oat 20%	6			27,36090
Sig.		,129	,073	1,000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 6,000.

Uji Beda Parameter Sensori Mie Kering Instan

Test Statistics(a,b)

	warna	aroma	rasa	kekentalan	tekstur	overall
Chi-Square	32,253	14,317	8,541	12,281	30,938	18,280
df	4	4	4	4	4	4
Asymp. Sig.	,000	,006	,074	,015	,000	,001

a Kruskal Wallis Test

b Grouping Variable: konsentrasi_oat

Mann Whitney

Kontrol vs Konsentrasi oat 5%

Test Statistics(a)

	warna	aroma	rasa	kekentalan	tekstur	overall
Mann-Whitney U	413,000	431,000	397,000	362,000	376,500	334,500
Wilcoxon W	878,000	896,000	862,000	827,000	841,500	799,500
Z	-,574	-,297	-,844	-1,365	-1,139	-1,820
Asymp. Sig. (2-tailed)	,566	,767	,399	,172	,255	,069

a Grouping Variable: konsentrasi_oat

Kontrol vs Konsentrasi oat 10%

Test Statistics(a)

	warna	aroma	rasa	kekenyalan	tekstur	overall
Mann-Whitney U	350,500	429,000	381,500	390,500	434,000	443,000
Wilcoxon W	815,500	894,000	846,500	855,500	899,000	908,000
Z	-1,542	-,324	-1,081	-,915	-,249	-,111
Asymp. Sig. (2-tailed)	,123	,746	,280	,360	,803	,911

a Grouping Variable: konsentrasi_oat

Kontrol vs Konsentrasi oat 15%

Test Statistics(a)

	warna	aroma	rasa	kekenyalan	tekstur	overall
Mann-Whitney U	202,000	290,000	395,500	370,500	346,500	330,000
Wilcoxon W	667,000	755,000	860,500	835,500	811,500	795,000
Z	-3,768	-2,455	-,847	-1,224	-1,588	-1,851
Asymp. Sig. (2-tailed)	,000	,014	,397	,221	,112	,064

a Grouping Variable: konsentrasi_oat

Kontrol vs Konsentrasi oat 20%**Test Statistics(a)**

	warna	aroma	rasa	kekenyalan	tekstur	overall
Mann-Whitney U	217,500	299,500	374,500	348,000	214,500	329,000
Wilcoxon W	682,500	764,500	839,500	813,000	679,500	794,000
Z	-3,513	-2,305	-1,184	-1,559	-3,602	-1,859
Asymp. Sig. (2-tailed)	,000	,021	,236	,119	,000	,063

a Grouping Variable: konsttrasi_oat

Konsentrasi oat 5% vs Konsentrasi oat 10%**Test Statistics(a)**

	warna	aroma	rasa	kekentalan	tekstur	overall
Mann-Whitney U	388,000	410,000	436,500	289,500	385,500	329,000
Wilcoxon W	853,000	875,000	901,500	754,500	850,500	794,000
Z	-,967	-,620	-,216	-2,487	-1,008	-1,898
Asymp. Sig. (2-tailed)	,334	,535	,829	,013	,314	,058

a Grouping Variable: konsentrasi_oat

Konsentrasi oat 5% vs Konsentrasi oat 15%**Test Statistics(a)**

	warna	aroma	rasa	kekenyalan	tekstur	overall
Mann-Whitney U	203,000	300,000	340,000	267,500	270,000	238,000
Wilcoxon W	668,000	765,000	805,000	732,500	735,000	703,000
Z	-3,785	-2,315	-1,724	-2,818	-2,762	-3,253
Asymp. Sig. (2-tailed)	,000	,021	,085	,005	,006	,001

a Grouping Variable: konsentrasi_oat

Konsentrasi oat 5% vs Konsentrasi oat 20%**Test Statistics(a)**

	warna	aroma	rasa	kekenyalan	tekstur	overall
Mann-Whitney U	207,000	309,500	317,000	255,500	144,000	240,000
Wilcoxon W	672,000	774,500	782,000	720,500	609,000	705,000
Z	-3,683	-2,162	-2,108	-2,978	-4,668	-3,200
Asymp. Sig. (2-tailed)	,000	,031	,035	,003	,000	,001

a Grouping Variable: konsentrasi_oat

Konsentrasi oat 10% vs Konsentrasi oat 15%**Test Statistics(a)**

	warna	aroma	rasa	kekentalan	tekstur	overall
Mann-Whitney U	233,000	275,500	320,500	425,500	309,500	299,000
Wilcoxon W	698,000	740,500	785,500	890,500	774,500	764,000
Z	-3,371	-2,670	-2,023	-,381	-2,175	-2,398
Asymp. Sig. (2-tailed)	,001	,008	,043	,704	,030	,017

a Grouping Variable: konsentrasi_oat

Konsentrasi oat 10% vs Konsentrasi oat 20%**Test Statistics(a)**

	warna	aroma	rasa	kekenyalan	tekstur	overall
Mann-Whitney U	228,000	285,000	300,000	398,000	163,000	295,000
Wilcoxon W	693,000	750,000	765,000	863,000	628,000	760,000
Z	-3,387	-2,521	-2,365	-,803	-4,421	-2,397
Asymp. Sig. (2-tailed)	,001	,012	,018	,422	,000	,017

a Grouping Variable: konstراسi_oat

Konsentrasi oat 15% vs Konsentrasi oat 20%**Test Statistics(a)**

	warna	aroma	rasa	kekentalan	tekstur	overall
Mann-Whitney U	400,500	445,000	432,500	419,000	300,000	416,000
Wilcoxon W	865,500	910,000	897,500	884,000	765,000	881,000
Z	-,762	-,077	-,272	-,481	-2,330	-,525
Asymp. Sig. (2-tailed)	,446	,939	,785	,631	,020	,600

a Grouping Variable: konsentrasi_oat

Lampiran 7. Aktivitas Enzim α -amilase

Ulangan	Aktivitas enzim α -amilase (mg pati terhidrolisa/menit)	
	Sebelum penyimpanan	Sesudah penyimpanan
1	0,0633	0,0616
2	0,0632	0,0615
3	0,0633	0,0615
Rata-rata	0,0633	0,0615



Lampiran 8. Hasil Uji Sensori Penelitian Pendahuluan

Rekap Hasil Uji Sensori Ranking Hedonik Mie Kering Instan

Tanggal : 4 Agustus 2010

Panelis	A	B	C
1	3	1	2
2	1	2	3
3	2	3	1
4	2	1	3
5	2	3	1
6	3	2	1
7	2	3	1
8	1	3	2
9	3	2	1
10	3	1	2
11	1	3	2
12	2	3	1
13	1	2	3
14	2	1	3
15	1	3	2
16	2	3	1
17	2	3	1
18	2	1	3
19	2	3	1
20	1	3	2
Rata-rata	1,9	2,3	1,8
SD	0,718185	0,864505	0,833509

Keterangan :

- A = mie kering instan dengan konsentrasi xanthan gum 2 %
- B = mie kering instan dengan konsentrasi xanthan gum 2,5 %
- C = mie kering instan dengan konsentrasi xanthan gum 3 %
- 1 = tidak suka 2 = agak suka 3 = sangat suka

Deskripsi dan Tes Statistik Uji Sensori Ranking Hedonik Mie Kering Instan

Descriptive Statistics

	N	Mean	Std. Deviation	Minimum	Maximum
A	20	1,9000	,71818	1,00	3,00
B	20	2,3000	,86450	1,00	3,00
C	20	1,8000	,83351	1,00	3,00

Test Statistics(a)

N	20
Chi-Square	2,800
df	2
Asymp. Sig.	,247

a. Friedman Test

Lampiran 9. Perhitungan β -glukan dalam Mie Kering Instan

Mie kering instan dengan substitusi oatbran[®] 22% sebanyak 5%

$$\text{kandungan } \beta - \text{glukan dalam 96 gram mie kering instan} = \frac{5}{100} \times \frac{22}{100} \times 100 \text{ gram} = 1,1 \text{ gram}$$

$$\text{kandungan } \beta - \text{glukan / 40 gram} = \frac{40 \text{ gram}}{96 \text{ gram}} \times 1,1 \text{ gram} = 0,46 \text{ gram}$$

$$\% \beta - \text{glukan} = \frac{0,46 \text{ gram}}{40 \text{ gram}} \times 100\% = 1,15\%$$

Mie kering instan dengan substitusi oatbran[®] 22% sebanyak 10%

$$\text{kandungan } \beta - \text{glukan dalam 96 gram mie kering instan} = \frac{10}{100} \times \frac{22}{100} \times 100 \text{ gram} = 2,2 \text{ gram}$$

$$\text{kandungan } \beta - \text{glukan / 40 gram} = \frac{40 \text{ gram}}{96 \text{ gram}} \times 2,2 \text{ gram} = 0,92 \text{ gram}$$

$$\% \beta - \text{glukan} = \frac{0,92 \text{ gram}}{40 \text{ gram}} \times 100\% = 2,30\%$$

Mie kering instan dengan substitusi oatbran[®] 22% sebanyak 15%

$$\text{kandungan } \beta - \text{glukan dalam 96 gram mie kering instan} = \frac{15}{100} \times \frac{22}{100} \times 100 \text{ gram} = 3,3 \text{ gram}$$

$$\text{kandungan } \beta - \text{glukan / 40 gram} = \frac{40 \text{ gram}}{96 \text{ gram}} \times 3,3 \text{ gram} = 1,38 \text{ gram}$$

$$\% \beta - \text{glukan} = \frac{1,38 \text{ gram}}{40 \text{ gram}} \times 100\% = 3,45\%$$

Mie kering instan dengan substitusi oatbran[®] 22% sebanyak 20%

$$\text{kandungan } \beta - \text{glukan dalam 96 gram mie kering instan} = \frac{20}{100} \times \frac{22}{100} \times 100 \text{ gram} = 4,4 \text{ gram}$$

$$\text{kandungan } \beta - \text{glukan / 40 gram} = \frac{40 \text{ gram}}{96 \text{ gram}} \times 4,4 \text{ gram} = 1,83 \text{ gram}$$

$$\% \beta - \text{glukan} = \frac{1,83 \text{ gram}}{40 \text{ gram}} \times 100\% = 4,58\%$$

Keterangan :

- 100 gram total tepung dapat menghasilkan 96 gram mie kering instan
- Kandungan β -glukan dalam oatbran sebesar 22%

Lampiran 10. Interval Nilai Untuk Analisa Perbandingan Karakteristik Fisik, Kimia, dan Sensori

Nilai	Kelentingan	Serat Larut	Protein	Overall
1 - 2	0,00 - 0,04	24 - 25	11 - 12	1 - 2
2 - 3	0,04 - 0,08	25 - 26	12 - 13	2 - 3
3 - 4	0,09 - 0,13	26 - 27	13 - 14	3 - 4
4 - 5	0,13 - 0,17	27 - 28	14 - 15	4 - 5

Tabel Nilai Interval Karakteristik Fisik (kelentingan), Kimiawi (Kadar Protein dan serat larut), dan Sensori (Overall) Mie Kering Instan

Konsentrasi	Kelentingan (nilai interval)	Serat Larut (nilai interval)	Protein (nilai interval)	Overall (nilai interval)
A	0,14 (4,60)	26,18 (3,18)	12,28 (2,28)	3,50 (3,50)
B	0,12 (3,95)	25,18 (2,18)	12,29 (2,29)	3,97 (3,97)
C	0,09 (3,15)	25,02 (2,02)	12,69 (2,69)	3,63 (3,63)
D	0,07 (2,65)	25,86 (2,86)	13,69 (3,69)	3,13 (3,13)
E	0,06 (2,50)	27,36 (4,36)	14,59 (4,59)	3,00 (3,00)

Keterangan :

- A = mie kering instan kontrol
- B = mie kering instan dengan konsentrasi oatbran 5 %
- C = mie kering instan dengan konsentrasi oatbran 10 %
- D = mie kering instan dengan konsentrasi oatbran 15 %
- E = mie kering instan dengan konsentrasi oatbran 20 %

Lampiran 11. Perhitungan Harga Pokok Produksi

Keterangan:

Biaya			Kontrol		Oatbran 5%		Oatbran 10%		Oatbran 15%		Oatbran 20%	
Bahan Pokok	Satuan	Harga	Berat	Harga	Berat	Harga	Berat	Harga	Berat	Harga	Berat	Harga
Tepung terigu	1 kg	Rp 8.000,-	1000 g	Rp 8.000,-	950 g	Rp 7.600,-	900 g	Rp 7.200,-	850 g	Rp 6.800,-	800 g	Rp 6.400,-
Oatbran	1 kg	Rp 90.000,-	-	-	50 g	Rp 4.500,-	100 g	Rp 9.000,-	150 g	Rp13.500,-	200 g	Rp18.000,-
Telur ayam	1 kg	Rp 12.000,-	100 g	Rp 1.200,-	100 g	Rp 1.200,-	100 g	Rp 1.200,-	100 g	Rp 1.200,-	100 g	Rp 1.200,-
Xanthan gum	100 g	Rp 26.000,-	-	-	2 g	Rp 5.200,-	2 g	Rp 5.200,-	2 g	Rp 5.200,-	2 g	Rp 5.200,-
Garam	¼ kg	Rp 500,-	10 g	Rp 20,-	10 g	Rp 20,-	10 g	Rp 20,-	10 g	Rp 20,-	10 g	Rp 20,-
Air	1 galon	Rp 3.500,-	350 ml	Rp 65,-	350 ml	Rp 65,-	350 ml	Rp 65,-	350 ml	Rp 65,-	350 ml	Rp 65,-
<i>Yield</i>			24 buah (@ 40 g)		24 buah (@ 40 g)		24 buah (@ 40 g)		24 buah (@ 40 g)		24 buah (@ 40 g)	
Harga total			Rp 9.285,00		Rp 18.585,00		Rp 22.685,00		Rp 26.785,00		Rp 30.885,00	
Harga / 40g			Rp 386,88		Rp 774,38		Rp 945,21		Rp 1.116,04		Rp 1.286,88	
Kemasan / 40g			Rp 200,00		Rp 200,00		Rp 200,00		Rp 200,00		Rp 200,00	
Bumbu **			Rp 70,00		Rp 70,00		Rp 70,00		Rp 70,00		Rp 70,00	
Gas ***			Rp 3,47		Rp 3,47		Rp 3,47		Rp 3,47		Rp 3,47	
Sewa <i>dehumidifier</i> ****			Rp 83,33		Rp 83,33		Rp 83,33		Rp 83,33		Rp 83,33	
Total biaya bahan pokok			Rp 743,68		Rp 1.131,18		Rp 1.302,01		Rp 1.472,84		Rp 1.643,68	
Fixed cost *****			Rp 37,18		Rp 56,56		Rp 65,10		Rp 73,64		Rp 82,18	
Variable cost *****			Rp 37,18		Rp 56,56		Rp 65,10		Rp 73,64		Rp 82,18	
HPP			Rp 818,04		Rp 1.244,30		Rp 1.432,21		Rp 1.620,12		Rp 1.808,04	

Keterangan:

** : Bumbu, diasumsikan seharga Rp 70,- / produk

*** : Gas seharga Rp 1000,-/ jam sedangkan dalam untuk mengukus diperlukan waktu 5 menit untuk 1 perlakuan

$$\text{Jadi gas / 40 g mie} = \frac{1}{24} \times \frac{5}{60} \times \text{Rp}1000,- = \text{Rp}3,47$$

**** : Sewa *dehumidifier* seharga Rp 10.000, dapat mengeringkan mie semua perlakuan

$$\text{Jadi sewa dehumidifier / 40 g mie} = \frac{1}{120} \times \text{Rp}10000 = \text{Rp}83,33$$

***** : Diasumsikan 5 % dari total biaya bahan pokok.

Lampiran 12. Hasil Uji *Texture Analyzer* Mie Kering Instan

Date	sample	Gauge Length (mm)	Width (mm)	Thickness (mm)	Area (mm ²)	Speed (mm/s)	Stiffness (N/m)	Young's Modulus (MPa)	Load at Maximum (gf)	Extension at Maximum (mm)	Tensile Strength (kgf/cm ²)	Percentage Strain at Maximum	Work to Maximum (J)
24/08/2010	Mie kontrol ul 1	50	10	2	20	5	4653,479	11,634	34,052	37,636	0,170	75,272	0,008
24/08/2010	Mie kontrol ul 2	50	10	2	20	5	10,294	0,026	30,436	31,519	0,152	63,039	0,006
24/08/2010	Mie kontrol ul 3	50	10	2	20	5	1149,279	2,873	37,481	38,957	0,187	77,914	0,009
24/08/2010	Mie oat 5% ul 1	50	10	2	20	5	6,174	0,015	24,627	41,185	0,123	82,370	0,005
24/08/2010	Mie oat 5% ul 2	50	10	2	20	5	224,865	0,562	21,936	49,952	0,110	99,903	0,006
24/08/2010	Mie oat 5% ul 3	50	10	2	20	5	23,920	0,060	32,777	45,440	0,164	90,880	0,009
24/08/2010	Mie oat 10% ul 1	50	10	2	20	5	4521,036	11,303	22,110	31,178	0,094	62,356	0,004
24/08/2010	Mie oat 10% ul 2	50	10	2	20	5	8,469	0,021	17,350	33,986	0,087	67,972	0,002
24/08/2010	Mie oat 10% ul 3	50	10	2	20	5	6753,409	16,884	15,326	0,274	0,077	0,548	0,000
24/08/2010	Mie oat 15% ul 1	50	10	2	20	5	7276,233	18,191	15,373	0,014	0,077	0,028	0,000
24/08/2010	Mie oat 15% ul 2	50	10	2	20	5	4667,230	11,668	11,627	0,014	0,058	0,028	0,000
24/08/2010	Mie oat 15% ul 3	50	10	2	20	5	12144,053	30,360	15,554	0,012	0,078	0,024	0,000
24/08/2010	Mie oat 20% ul 1	50	10	2	20	5	8222,618	20,557	14,142	0,040	0,071	0,080	0,000
24/08/2010	Mie oat 20% ul 2	50	10	2	20	5	12273,282	30,683	11,058	0,005	0,055	0,010	0,000
24/08/2010	Mie oat 20% ul 3	50	10	2	20	5	277,828	0,695	15,735	16,456	0,061	32,911	0,001
22/09/2010	mie kontrol ul 1	50	10	2	20	5	741,482	1,854	25,697	37,078	0,128	74,156	0,007
22/09/2010	mie kontrol ul 2	50	10	2	20	5	470,048	1,175	25,678	32,281	0,128	64,563	0,006
22/09/2010	mie kontrol ul 3	50	10	2	20	5	546,738	1,367	19,393	4,629	0,097	9,259	0,001
22/09/2010	mie oat 5% ul 1	50	10	2	20	5	3,472	0,009	20,739	38,267	0,104	76,534	0,005
22/09/2010	mie oat 5% ul 2	50	10	2	20	5	8,494	0,021	22,195	21,951	0,111	43,902	0,004
22/09/2010	mie oat 5% ul 3	50	10	2	20	5	1573,636	3,934	19,316	36,157	0,097	72,315	0,004
22/09/2010	mie oat 10% ul 1	50	10	2	20	5	9393,397	23,483	16,740	19,902	0,084	39,805	0,002
22/09/2010	mie oat 10% ul 2	50	10	2	20	5	9488,024	23,720	17,652	13,602	0,088	27,204	0,002
22/09/2010	mie oat 10% ul 3	50	10	2	20	5	2756,887	6,892	16,850	28,399	0,084	56,798	0,002
22/09/2010	mie oat 15% ul 1	50	10	2	20	5	6458,978	16,147	13,945	19,465	0,070	38,930	0,001
22/09/2010	mie oat 15% ul 2	50	10	2	20	5	136,791	0,342	12,382	1,803	0,062	3,607	0,000
22/09/2010	mie oat 15% ul 3	50	10	2	20	5	638,089	1,595	11,807	0,235	0,059	0,471	0,000
22/09/2010	mie oat 20% ul 1	50	10	2	20	5	20,732	0,052	11,694	8,758	0,058	17,516	0,000
22/09/2010	mie oat 20% ul 2	50	10	2	20	5	7,549	0,019	11,744	2,272	0,059	4,544	0,000
22/09/2010	mie oat 20% ul 3	50	10	2	20	5	11,731	0,029	11,902	1,591	0,060	3,182	0,000