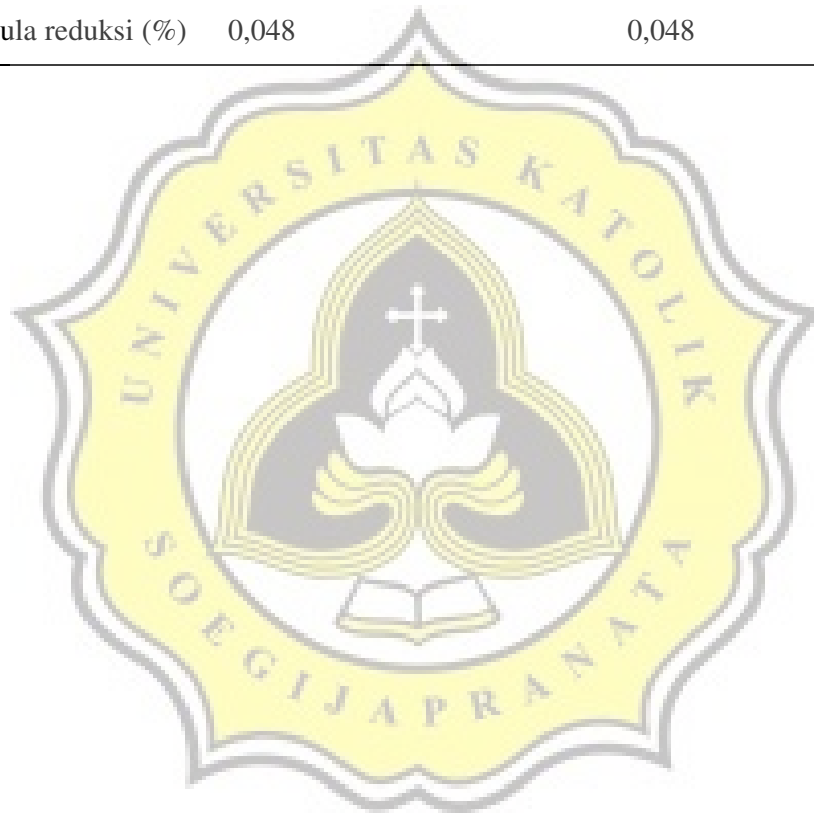


**LAMPIRAN****Lampiran 1. Hasil Analisa Kadar Air, Abu, dan Gula Reduksi pada Kedelai Lokal Varietas Willis dan Kedelai Impor USA**

Parameter	Kedelai lokal Varietas Willis	Kedelai Impor USA
Kadar air (%)	10,183	9,350
Kadar abu (%)	5,025	5,475
Kadar gula reduksi (%)	0,048	0,048



## Lampiran 2. Analisa *One Way Anova* pada Penelitian Pendahuluan (Variasi Komposisi Jenis Kedelai)

### Descriptives

TEKSTUR

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
					100%impor	6		
50%:50%	6	,179250	4,96324E-02	2,03E-02	,127164	,231336	,1307	,2449
25%:75%lokal	6	,161550	3,56634E-02	1,46E-02	,124124	,198976	,1212	,2057
100%lokal	6	,140567	3,28283E-02	1,34E-02	,106115	,175018	,0906	,1714
Total	24	,166492	4,24091E-02	8,66E-03	,148584	,184399	,0906	,2449

### Test of Homogeneity of Variances

TEKSTUR

Levene Statistic	df1	df2	Sig.
1,395	3	20	,273

### ANOVA

TEKSTUR

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	7,123E-03	3	2,374E-03	1,387	,276
Within Groups	3,424E-02	20	1,712E-03		
Total	4,137E-02	23			

### Post Hoc Tests

TEKSTUR

Duncan<sup>a</sup>

VARKEDEL	N	Subset for alpha = .05
		1
100%lokal	6	,140567
25%:75%lokal	6	,161550
50%:50%	6	,179250
100%impor	6	,184600
Sig.		,105

Means for groups in homogeneous subsets are displayed.

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

### Descriptives

KDR\_AIR

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
100%impor	6	82,668333	1,392515	,568492	81,206979	84,129688	80,6900	84,4300
50%:50%	6	83,245000	1,576512	,643608	81,590552	84,899448	81,1900	85,4400
25%:75%lokal	6	83,348333	2,014114	,822259	81,234650	85,462017	80,4900	85,3600
100%lokal	6	85,158333	1,478694	,603674	83,606539	86,710128	83,1800	86,8300
Total	24	83,605000	1,796765	,366763	82,846293	84,363707	80,4900	86,8300

### Test of Homogeneity of Variances

KDR\_AIR

Levene Statistic	df1	df2	Sig.
,587	3	20	,631

### ANOVA

KDR\_AIR

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	20,914	3	6,971	2,614	,079
Within Groups	53,338	20	2,667		
Total	74,252	23			

### Post Hoc Tests

KDR\_AIR

Duncan<sup>a</sup>

VARKEDEL	N	Subset for alpha = .05	
		1	2
100%impor	6	82,668333	
50%:50%	6	83,245000	83,245000
25%:75%lokal	6	83,348333	83,348333
100%lokal	6		85,158333
Sig.		,504	,068

Means for groups in homogeneous subsets are displayed.

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

### Descriptives

PROTEIN

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
					100%impor	6		
50%:50%	6	10,631833	3,255558	1,329076	7,215335	14,048332	7,2740	16,7210
25%:75%lokal	6	10,094683	1,955840	,798468	8,042155	12,147211	7,6541	13,3700
100%lokal	6	9,794417	3,244812	1,324689	6,389195	13,199638	4,3125	13,8460
Total	24	10,466633	2,927226	,597518	9,230574	11,702693	4,3125	17,4400

### Test of Homogeneity of Variances

PROTEIN

Levene Statistic	df1	df2	Sig.
,438	3	20	,728

### ANOVA

PROTEIN

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	8,341	3	2,780	,295	,829
Within Groups	188,738	20	9,437		
Total	197,079	23			

### Post Hoc Tests

**PROTEIN**Duncan<sup>a</sup>

VARKEDEL	N	Subset for alpha = .05
		1
100%lokal	6	9,794417
25%:75%lokal	6	10,094683
50%:50%	6	10,631833
100%impor	6	11,345600
Sig.		,433

Means for groups in homogeneous subsets are displayed.

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



**Lampiran 3. Tabel Perhitungan Organoleptik pada Variasi Rasio Komposisi Jenis Kedelai**

Parameter	Rangking	Sampel							
		100 % Impor		50% : 50%		25% : 75%		100 % Lokal	
		skor	frek	skor	frek	skor	frek	skor	frek
Rasa	1	1	1	—	—	3	3	2	2
	2	7	14	4	8	6	12	8	16
	3	9	27	17	51	14	42	11	33
	4	13	52	7	28	6	24	6	24
	5	—	—	2	10	1	5	3	15
	<b>Skor rata2</b>		<b>3.13</b>		<b>3.23</b>		<b>2.87</b>		<b>3</b>
Bau	1	1	1	6	6	1	1	3	3
	2	12	24	10	20	8	16	12	24
	3	5	15	7	21	13	39	8	24
	4	7	28	5	20	6	24	6	24
	5	5	25	2	10	2	10	1	5
	<b>skor rata2</b>		<b>3.1</b>		<b>2.57</b>		<b>3</b>		<b>2.67</b>
Warna	1	2	2	—	—	5	5	9	9
	2	1	2	6	12	21	42	17	34
	3	15	45	14	42	3	9	4	12
	4	2	8	10	40	1	4	—	—
	5	—	—	—	—	—	—	—	—
	<b>skor rata2</b>		<b>2.57</b>		<b>3.13</b>		<b>2</b>		<b>1.83</b>
Tekstur	1	6	6	4	4	2	2	6	6
	2	10	20	12	24	7	14	5	10
	3	7	21	12	36	9	27	9	27
	4	5	20	2	8	9	36	9	36
	5	2	10	—	—	3	15	1	5
	<b>skor rata2</b>		<b>2.57</b>		<b>2.4</b>		<b>3.13</b>		<b>2.8</b>
Overall	1	2	2	2	2	4	4	1	1
	2	3	6	5	10	3	6	7	14
	3	14	42	12	36	19	57	16	48
	4	10	40	10	40	3	12	5	20
	5	1	5	1	5	1	5	1	5
	<b>skor rata2</b>		<b>3.17</b>		<b>3.77</b>		<b>2.8</b>		<b>2.93</b>

Perhitungan Skor Analisis Sensoris

$$\text{Total Skor} = (1 \times a) + (2 \times b) + (3 \times c) + (4 \times d) + (5 \times e)$$

Skor rata-rata dalam suatu sampel yaitu :

$$\text{Total Skor} / \text{Jumlah Panelis}$$

### Lampiran 4. Analisa *One Way Anova* pada Variasi Jenis Koagulan

#### Descriptives

##### HARDNESS

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
kals klorida	6	1.363050	.1461255	.0596555	1.209701	1.516399	1.1731	1.5386
sitrat	6	1.868717	.4123182	.1683282	1.436015	2.301418	1.6022	2.6873
cuka	6	2.109100	.1933780	.0789463	1.906162	2.312038	1.8647	2.3802
kals sulfat	6	1.189600	.0779031	.0318038	1.107846	1.271354	1.0693	1.2830
Total	24	1.632617	.4415571	.0901325	1.446163	1.819070	1.0693	2.6873

#### Descriptives

##### COHESIVE

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
kals klorida	6	.217133	.0405649	.0165605	.174563	.259704	.1534	.2630
sitrat	6	.273333	.0425680	.0173783	.228661	.318006	.2295	.3490
cuka	6	.215383	.0660787	.0269765	.146038	.284729	.1612	.3459
kals sulfat	6	.202783	.0633899	.0258788	.136260	.269307	.1219	.2842
Total	24	.227158	.0578618	.0118110	.202725	.251591	.1219	.3490

#### Descriptives

##### FRACTURE

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
kals klorida	6	126.2980	24.0396883	9.8141616	101.069844	151.526056	99.1335	156.8389
sitrat	6	136.1767	33.7637308	13.78399	100.743838	171.609562	104.4026	173.1134
cuka	6	214.9492	19.6981898	8.0417523	194.277184	235.621149	190.0864	242.6268
kals sulfat	6	106.7092	12.6196654	5.1519568	93.465673	119.952727	87.9713	121.3359
Total	24	146.0333	47.5579110	9.7077179	125.951310	166.115199	87.9713	242.6268

#### Descriptives

##### KDR\_AIR

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
kals_klor	6	79,840500	,442276	,180558	79,376360	80,304640	79,2160	80,5300
cuka	6	77,333833	1,475646	,602430	75,785238	78,882429	75,3920	78,7920
sitrat	6	80,322000	1,083903	,442501	79,184514	81,459486	78,5120	81,8700
kals_sulfat	6	81,364333	1,140086	,465438	80,167887	82,560780	80,0490	82,7090
Total	24	79,715167	1,828347	,373210	78,943123	80,487210	75,3920	82,7090

### Descriptives

KDR\_ABU

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
kals_klor	6	1,216000	,378754	,154626	,818522	1,613478	,7700	1,7980
cuka	6	,820667	,226702	9,26E-02	,582757	1,058576	,5390	1,1790
sitrat	6	,454667	,205759	8,40E-02	,238736	,670597	,1650	,7090
kals_sulfat	6	3,725333	,633074	,258451	3,060963	4,389703	3,0020	4,5480
Total	24	1,554167	1,361605	,277937	,979211	2,129122	,1650	4,5480

### Descriptives

PH

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
kals_klor	6	6,373333	,186726	7,62E-02	6,177376	6,569290	6,1400	6,6400
cuka	6	5,216667	6,86052E-02	2,80E-02	5,144670	5,288663	5,1400	5,3300
sitrat	6	5,201667	,168454	6,88E-02	5,024885	5,378448	4,9700	5,4800
kals_sulfat	6	6,351667	,103425	4,22E-02	6,243129	6,460204	6,2800	6,5500
Total	24	5,785833	,603482	,123185	5,531005	6,040661	4,9700	6,6400

### Descriptives

PROTEIN

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
kals_klor	6	8,789500	2,146583	,876339	6,536799	11,042201	7,1740	12,6710
cuka	6	11,369667	1,808851	,738460	9,471394	13,267939	8,3380	13,3660
sitrat	6	9,523000	1,696796	,692714	7,742322	11,303678	7,6990	12,6500
kals_sulfat	6	8,340500	1,195473	,488050	7,085928	9,595072	6,9850	10,3540
Total	24	9,505667	2,010970	,410487	8,656509	10,354825	6,9850	13,3660

## Post Hoc Tests

### Homogeneous Subsets



### HARDNESS

Duncan<sup>a</sup>

PERLK	N	Subset for alpha = .05	
		1	2
kals sulfat	6	1.189600	
kals klorida	6	1.363050	
sitrat	6		1.868717
cuka	6		2.109100
Sig.		.229	.101

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 6.000.

### COHESIVE

Duncan<sup>a</sup>

PERLK	N	Subset for alpha = .05
		1
kals sulfat	6	.202783
cuka	6	.215383
kals klorida	6	.217133
sitrat	6	.273333
Sig.		.051

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 6.000.

### FRACTURE

Duncan<sup>a</sup>

PERLK	N	Subset for alpha = .05	
		1	2
kals sulfat	6	106.7092	
kals klorida	6	126.2980	
sitrat	6	136.1767	
cuka	6		214.9492
Sig.		.055	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 6.000.

### KDR\_AIR

Duncan<sup>a</sup>

VAR_KOAG	N	Subset for alpha = .05		
		1	2	3
cuka	6	77,333833		
kals_klor	6		79,840500	
sitrat	6		80,322000	80,322000
kals_sulfat	6			81,364333
Sig.		1,000	,458	,117

Means for groups in homogeneous subsets are displayed.

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

### PH

Duncan<sup>a</sup>

VAR_KOAG	N	Subset for alpha = .05	
		1	2
sitrat	6	5,201667	
cuka	6	5,216667	
kals_sulfat	6		6,351667
kals_klor	6		6,373333
Sig.		,855	,792

Means for groups in homogeneous subsets are displayed.

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

### PROTEIN

Duncan<sup>a</sup>

VAR_KOAG	N	Subset for alpha = .05	
		1	2
kals_sulfat	6	8,340500	
kals_klor	6	8,789500	
sitrat	6	9,523000	9,523000
cuka	6		11,369667
Sig.		,280	,082

Means for groups in homogeneous subsets are displayed.

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

### KDR\_ABU

Duncan<sup>a</sup>

VAR_KOAG	N	Subset for alpha = .05		
		1	2	3
sirat	6	,454667		
cuka	6	,820667	,820667	
kals_klor	6		1,216000	
kals_sulfat	6			3,725333
Sig.		,128	,102	1,000

Means for groups in homogeneous subsets are displayed.

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



**Lampiran 5. Tabel Perhitungan Organoleptik pada Variasi Jenis Koagulan**

Parameter	Ranking	Sampel							
		sitrat		klorida		sulfat		cuka	
		skor	frek	skor	frek	skor	frek	skor	frek
rasa	1	3	3	1	1	-	-	1	1
	2	6	12	6	12	2	4	4	8
	3	12	36	7	14	13	39	10	30
	4	5	20	10	40	12	48	13	42
	5	4	20	6	30	3	15	2	10
	<b>Skor rata2</b>		<b>3.03</b>		<b>3.23</b>		<b>3.53</b>		<b>3.03</b>
bau	1	4	4	2	2	2	2	5	5
	2	16	32	6	12	10	20	4	8
	3	7	21	15	45	12	36	12	36
	4	3	12	4	16	5	20	5	20
	5	-	-	3	15	1	5	4	20
	<b>Skor rata2</b>		<b>2.3</b>		<b>3</b>		<b>2.77</b>		<b>2.97</b>
Warna	1	1	1	1	1	4	4	-	-
	2	11	22	15	30	19	38	19	38
	3	12	36	12	36	6	18	10	30
	4	5	20	2	8	1	4	1	4
	5	1	5	-	-	-	-	-	-
	<b>Skor rata2</b>		<b>2.8</b>		<b>2.5</b>		<b>2.13</b>		<b>2.4</b>
tekstur	1	10	10	-	-	-	-	3	3
	2	12	24	10	20	3	6	9	18
	3	6	18	9	27	5	15	11	33
	4	2	8	11	44	14	56	3	12
	5	-	-	-	-	8	40	5	25
	<b>Skor rata2</b>		<b>2</b>		<b>3.03</b>		<b>3.9</b>		<b>3.03</b>
overall	1	1	1	2	2	2	2	-	-
	2	7	14	2	4	3	6	2	4
	3	12	36	14	42	12	36	13	39
	4	10	40	10	40	9	36	12	48
	5	-	-	2	10	4	20	3	15
	<b>Skor rata2</b>		<b>3.03</b>		<b>3.33</b>		<b>3.33</b>		<b>3.53</b>

Perhitungan Skor Analisis Sensoris

$$\text{Total Skor} = (1 \times a) + (2 \times b) + (3 \times c) + (4 \times d) + (5 \times e)$$

Skor rata-rata dalam suatu sampel yaitu :

$$\text{Total Skor} / \text{Jumlah Panelis}$$

**Lampiran 6. Lembar Kuesioner**

**LEMBAR KUESIONER**

Nama : .....

Jenis kelamin : .....

Umur : ..... tahun.

Tanggal : .....

Pada kesempatan kali ini, peneliti meminta bantuan Saudara untuk melakukan uji organoleptik terhadap beberapa sampel tahu. Saudara cukup menuliskan berdasarkan parameter yang tersedia. Atas kerjasamanya peneliti mengucapkan terima kasih.

Parameter	Kode sampel			
	472	139	527	648
Rasa				
Aroma				
Warna				
Tekstur				
Overall				

Keterangan :

Skor	Parameter				
	Rasa	Bau	Warna	Tekstur	Overall
1	Sngt suka skl	Sngt khas kedelai	Sangat putih	Sangat kenyal	Sangat suka skl
2	Sangat suka	Khas kedelai	Putih	Kenyal	Sangat suka
3	Suka	Agak bau kedelai	Putih kekuningan	Cukup kenyal	Suka
4	Tidak suka	Sdkt bau kedelai	Agak kuning	Agak lembek	Tidak suka
5	Tidak suka skl	Tidak berbau	Kuning sekali	Sangat lembek	Tidak suka skl





