

## Lampiran 1. SNI Tahu

STANDAR NATIONAL INDONESIA 01-3142-1998

### TAHU

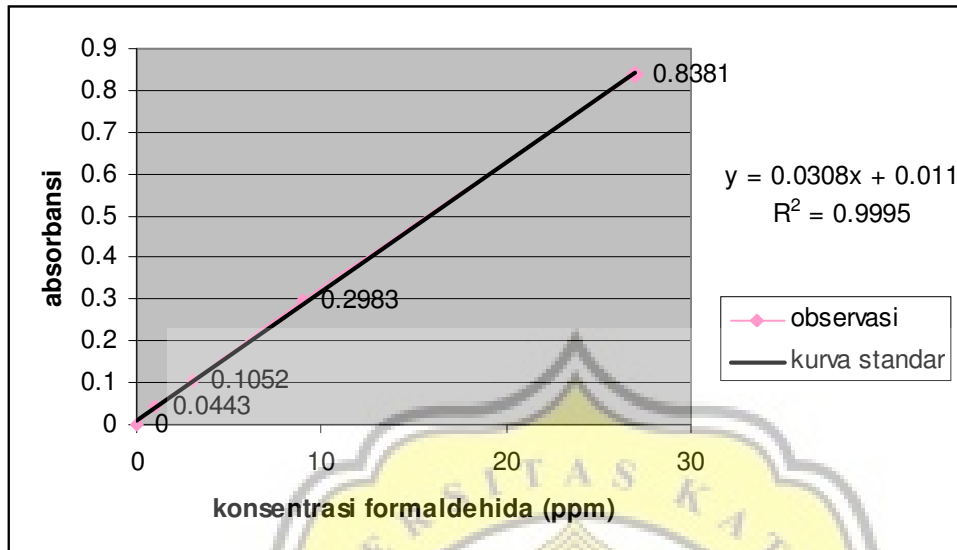
Definisi :

Tahu adalah suatu produk makanan berupa padatan lunak yang dibuat melalui proses pengolahan kedelai (*Glycine species*) dengan cara pengendapan proteinnya dengan / tanpa penambahan bahan lain yang diijinkan.

Tabel Syarat Mutu Tahu

No	Jenis Uji	Satuan	Persyaratan
1	Keadaan :		
1.1	Bau		Normal
1.2	Rasa		Normal
1.3	Warna		Putih normal/ kuning normal
1.4	Penampakan		Normal tidak berlendir dan tidak berjamur
2	Abu	% (b/b)	Maks. 1,0
3	Protein (N x 6,25)	% (b/b)	Min. 9,0
4	Lemak	% (b/b)	Min. 0,5
5	Serat kasar	% (b/b)	Maks. 0,1
6	Bahan Tambahan Makanan	% (b/b)	Sesuai SNI 01-0222-M dan Peraturan Men.Kes No 722/Men.Kes/Per/IX/1998
7	Cemaran Logam		
7.1	Timbal (Pb)	mg/kg	Maks. 2,0
7.2	Tembaga (Cu)	mg/kg	Maks. 30,0
7.3	Seng (Zn)	mg/kg	Maks. 40,0
7.4	Timah (Sn)	mg/kg	Maks. 40,0/250,0
7.5	Raksa (Hg)	mg/kg	Maks. 0,03
8	Cemaran Arsen (As)	mg/kg	Maks. 1,0
9	Cemaran mikroba		
9.1	<i>Escherichia coli</i>	APM/g	Maks. 10
9.2	<i>Salmonella</i>	/25 g	Negatif

## Lampiran 2. Kurva standar formaldehida



Gambar 13. Kurva Standar Formaldehida

Kurva standar formaldehida membentuk garis yang linier dengan persamaan :

$$Y = 0.0308 X + 0.011$$

Konsentrasi formaldehida = X .faktor pengenceran

Keterangan : y = absorbansi ( $0 \leq y \leq 1$ )

x = konsentrasi formaldehida

**Lampiran 3. Analisa normalitas dan hasil uji signifikansi data tekstur tahu yang dikukus**

**Tests of Normality**

tahu		Kolmogorov-Smirnov <sup>a</sup>			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
tekstur	formalin	.064	54	.200*	.983	54	.635
	non formalin	.071	54	.200*	.986	54	.784

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

a. Lilliefors Significance Correction

**Tests of Normality**

ukuran		Kolmogorov-Smirnov <sup>a</sup>			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
tekstur	besar	.110	36	.200*	.964	36	.295
	sedang	.107	36	.200*	.974	36	.533
	kecil	.102	36	.200*	.974	36	.542

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

a. Lilliefors Significance Correction

**Tests of Normality**

waktu		Kolmogorov-Smirnov <sup>a</sup>			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
tekstur	5 menit	.127	36	.151	.969	36	.403
	10 menit	.124	36	.175	.965	36	.304
	15 menit	.106	36	.200*	.975	36	.571

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

a. Lilliefors Significance Correction



Uji signifikansi tekstur tahu yang dikukus berdasarkan ANOVA 1 arah

**Descriptives**

tekstur

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
					F_besar_5 menit	6		
F_besar_10 menit	6	.6418533	.03181604	.01298884	.6084644	.6752422	.59799	.69157
F_besar_15 menit	6	.7268983	.08314702	.03394463	.6396409	.8141558	.65037	.88720
F_sedang_5 menit	6	.6416583	.11009326	.04494539	.5261225	.7571941	.48381	.74742
F_sedang_10 menit	6	.6883817	.11812185	.04822304	.5644204	.8123429	.55750	.88352
F_sedang_15 menit	6	.7560650	.08266122	.03374630	.6693174	.8428126	.63251	.87238
F_kecil_5 menit	6	.6607817	.13598751	.05551667	.5180715	.8034918	.48346	.88046
F_kecil_10 menit	6	.7161967	.11098368	.04530890	.5997264	.8326669	.52023	.80856
F_kecil_15 menit	6	.7169233	.05268165	.02150719	.6616373	.7722093	.65142	.77958
NF_besar_5 menit	6	.5785583	.11964043	.04884300	.4530034	.7041133	.45004	.70490
NF_besar_10 menit	6	.5736650	.07345234	.02998679	.4965815	.6507485	.49289	.67979
NF_besar_15 menit	6	.6939267	.08519504	.03478073	.6045200	.7833334	.60171	.83010
NF_sedang_5 menit	6	.5323600	.08418419	.03436805	.4440141	.6207059	.38209	.62348
NF_sedang_10 menit	6	.5931767	.03471933	.01417411	.5567410	.6296124	.53838	.64557
NF_sedang_15 menit	6	.6844067	.12053818	.04920951	.5579096	.8109037	.54814	.85648
NF_kecil_5 menit	6	.4808317	.04641904	.01895050	.4321179	.5295455	.42134	.56410
NF_kecil_10 menit	6	.5882967	.06991762	.02854375	.5149226	.6616707	.45332	.65447
NF_kecil_15 menit	6	.6391833	.03260544	.01331112	.6049660	.6734006	.58992	.68745
Total	108	.6432763	.10746190	.01034053	.6227774	.6637752	.38209	.88720

tekstur

Duncan<sup>a</sup>

perlakuan	N	Subset for alpha = .05			
		1	2	3	4
NF_kecil_5 menit	6	.4808317			
NF_sedang_5 menit	6	.5323600	.5323600		
NF_besar_10 menit	6	.5736650	.5736650	.5736650	
NF_besar_5 menit	6	.5785583	.5785583	.5785583	
NF_kecil_10 menit	6	.5882967	.5882967	.5882967	
NF_sedang_10 menit	6	.5931767	.5931767	.5931767	
NF_kecil_15 menit	6		.6391833	.6391833	.6391833
F_sedang_5 menit	6		.6416583	.6416583	.6416583
F_besar_10 menit	6		.6418533	.6418533	.6418533
F_kecil_5 menit	6			.6607817	.6607817
F_besar_5 menit	6			.6658100	.6658100
NF_sedang_15 menit	6			.6844067	.6844067
F_sedang_10 menit	6			.6883817	.6883817
NF_besar_15 menit	6			.6939267	.6939267
F_kecil_10 menit	6				.7161967
F_kecil_15 menit	6				.7169233
F_besar_15 menit	6				.7268983
F_sedang_15 menit	6				.7560650
Sig.		.053	.067	.050	.057

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 6.000.

**Lampiran 4. Analisa normalitas dan hasil uji signifikansi data tekstur tahu yang direbus**

**Tests of Normality**

tahu		Kolmogorov-Smirnov <sup>a</sup>			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
tekstur	formalin	.113	54	.083	.950	54	.024
	non formalin	.072	54	.200*	.975	54	.304

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

a. Lilliefors Significance Correction

**Tests of Normality**

ukuran		Kolmogorov-Smirnov <sup>a</sup>			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
tekstur	besar	.142	36	.064	.944	36	.067
	sedang	.072	36	.200*	.979	36	.718
	kecil	.096	36	.200*	.972	36	.483

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

a. Lilliefors Significance Correction

**Tests of Normality**

waktu		Kolmogorov-Smirnov <sup>a</sup>			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
tekstur	5 menit	.104	36	.200*	.958	36	.193
	10 menit	.089	36	.200*	.956	36	.159
	15 menit	.102	36	.200*	.973	36	.524

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

a. Lilliefors Significance Correction

Uji signifikansi tekstur tahu yang direbus berdasarkan ANOVA 1 arah

**Descriptives**

tekstur

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
F_besar_5 menit	6	.5758733	.11596669	.04734320	.4541738	.6975729	.39619	.67722
F_besar_10 menit	6	.6296117	.13125664	.05358530	.4918663	.7673571	.44330	.74263
F_besar_15 menit	6	.6454417	.08518245	.03477559	.5560482	.7348352	.49754	.75870
F_sedang_5 menit	6	.5807633	.12064230	.04925201	.4541570	.7073697	.42722	.74133
F_sedang_10 menit	6	.6083567	.08999948	.03674213	.5139080	.7028053	.47491	.71860
F_sedang_15 menit	6	.6450133	.03292828	.01344291	.6104572	.6795694	.59864	.68632
F_kecil_5 menit	6	.5361900	.10248129	.04183781	.4286425	.6437375	.43938	.67437
F_kecil_10 menit	6	.5967367	.09420779	.03846017	.4978717	.6956017	.48060	.74408
F_kecil_15 menit	6	.6271500	.04712542	.01923887	.5776949	.6766051	.55450	.69136
NF_besar_5 menit	6	.5203200	.06940298	.02833365	.4474860	.5931540	.45469	.63570
NF_besar_10 menit	6	.5997767	.09823587	.04010463	.4966844	.7028689	.45469	.70826
NF_besar_15 menit	6	.6359350	.04940990	.02017151	.5840825	.6877875	.57128	.71667
NF_sedang_5 menit	6	.5424700	.05610771	.02290588	.4835886	.6013514	.44550	.61489
NF_sedang_10 menit	6	.5842500	.10537153	.04301775	.4736694	.6948306	.43127	.71122
NF_sedang_15 menit	6	.6108733	.11132125	.04544671	.4940488	.7276978	.44523	.78515
NF_kecil_5 menit	6	.4948767	.04002000	.01633810	.4528782	.5368751	.43859	.54377
NF_kecil_10 menit	6	.5786567	.06356757	.02595135	.5119466	.6453667	.45873	.64251
NF_kecil_15 menit	6	.5832933	.04219225	.01722491	.5390153	.6275714	.52933	.63412
Total	108	.5886438	.08969114	.00863053	.5715348	.6057528	.39619	.78515



tekstur

Duncan<sup>a</sup>

perlakuan	N	Subset for alpha = .05		
		1	2	3
NF_kecil_5 menit	6	.4948767		
NF_besar_5 menit	6	.5203200	.5203200	
F_kecil_5 menit	6	.5361900	.5361900	.5361900
NF_sedang_5 menit	6	.5424700	.5424700	.5424700
F_besar_5 menit	6	.5758733	.5758733	.5758733
NF_kecil_10 menit	6	.5786567	.5786567	.5786567
F_sedang_5 menit	6	.5807633	.5807633	.5807633
NF_kecil_15 menit	6	.5832933	.5832933	.5832933
NF_sedang_10 menit	6	.5842500	.5842500	.5842500
F_kecil_10 menit	6	.5967367	.5967367	.5967367
NF_besar_10 menit	6	.5997767	.5997767	.5997767
F_sedang_10 menit	6	.6083567	.6083567	.6083567
NF_sedang_15 menit	6	.6108733	.6108733	.6108733
F_kecil_15 menit	6		.6271500	.6271500
F_besar_10 menit	6		.6296117	.6296117
NF_besar_15 menit	6		.6359350	.6359350
F_sedang_15 menit	6			.6450133
F_besar_15 menit	6			.6454417
Sig.		.057	.060	.077

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 6.000.

**Lampiran 5. Analisa normalitas dan hasil uji signifikansi data kadar air tahu yang dikukus**

**Tests of Normality**

tahu	Kolmogorov-Smirnov <sup>a</sup>			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
kdr_air formalin	.068	54	.200*	.984	54	.682
non formalin	.113	54	.085	.945	54	.015

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

a. Lilliefors Significance Correction

**Tests of Normality**

ukuran	Kolmogorov-Smirnov <sup>a</sup>			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
kdr_air besar	.117	36	.200*	.970	36	.426
sedang	.117	36	.200*	.960	36	.216
kecil	.105	36	.200*	.959	36	.198

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

a. Lilliefors Significance Correction

**Tests of Normality**

waktu	Kolmogorov-Smirnov <sup>a</sup>			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
kdr_air 5 menit	.093	36	.200*	.960	36	.221
10 menit	.110	36	.200*	.966	36	.316
15 menit	.144	36	.058	.943	36	.061

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

a. Lilliefors Significance Correction

Uji signifikansi kadar air tahu yang dikukus berdasarkan ANOVA 1 arah

**Descriptives**

kdr air

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
F_besar_5 menit	6	78.6433	.45342	.18511	78.1675	79.1192	78.00	79.07
F_besar_10 menit	6	78.2450	.96401	.39355	77.2333	79.2567	77.13	79.70
F_besar_15 menit	6	77.3483	.39797	.16247	76.9307	77.7660	76.94	78.03
F_sedang_5 menit	6	78.2333	.45408	.18538	77.7568	78.7099	77.64	78.70
F_sedang_10 menit	6	77.6133	.34494	.14082	77.2513	77.9753	77.16	78.02
F_sedang_15 menit	6	77.2100	.68862	.28113	76.4873	77.9327	76.28	78.10
F_kecil_5 menit	6	77.5350	.64358	.26274	76.8596	78.2104	76.57	78.27
F_kecil_10 menit	6	77.4500	.60561	.24724	76.8145	78.0855	76.63	78.20
F_kecil_15 menit	6	77.1300	.40140	.16387	76.7088	77.5512	76.63	77.73
NF_besar_5 menit	6	78.5700	.74154	.30273	77.7918	79.3482	77.30	79.32
NF_besar_10 menit	6	78.2267	.57420	.23442	77.6241	78.8293	77.30	78.78
NF_besar_15 menit	6	77.4450	.70489	.28777	76.7053	78.1847	76.50	78.14
NF_sedang_5 menit	6	78.3917	.64381	.26284	77.7160	79.0673	77.35	79.06
NF_sedang_10 menit	6	77.9550	.71065	.29012	77.2092	78.7008	77.24	78.98
NF_sedang_15 menit	6	77.6033	1.14455	.46726	76.4022	78.8045	76.42	78.86
NF_kecil_5 menit	6	78.4250	.67808	.27682	77.7134	79.1366	77.37	79.25
NF_kecil_10 menit	6	77.6517	.88881	.36285	76.7189	78.5844	76.65	78.84
NF_kecil_15 menit	6	77.3200	1.03890	.42413	76.2297	78.4103	76.26	78.98
Total	108	77.8331	.81128	.07807	77.6784	77.9879	76.26	79.70

**kdr\_air**

Duncan<sup>a</sup>

perlakuan	N	Subset for alpha = .05					
		1	2	3	4	5	6
F_kecil_15 menit	6	77.1300					
F_sedang_15 menit	6	77.2100					
NF_kecil_15 menit	6	77.3200	77.3200				
F_besar_15 menit	6	77.3483	77.3483				
NF_besar_15 menit	6	77.4450	77.4450	77.4450			
F_kecil_10 menit	6	77.4500	77.4500	77.4500			
F_kecil_5 menit	6	77.5350	77.5350	77.5350	77.5350		
NF_sedang_15 menit	6	77.6033	77.6033	77.6033	77.6033		
F_sedang_10 menit	6	77.6133	77.6133	77.6133	77.6133		
NF_kecil_10 menit	6	77.6517	77.6517	77.6517	77.6517	77.6517	
NF_sedang_10 menit	6	77.9550	77.9550	77.9550	77.9550	77.9550	77.9550
NF_besar_10 menit	6		78.2267	78.2267	78.2267	78.2267	78.2267
F_sedang_5 menit	6		78.2333	78.2333	78.2333	78.2333	78.2333
F_besar_10 menit	6		78.2450	78.2450	78.2450	78.2450	78.2450
NF_sedang_5 menit	6			78.3917	78.3917	78.3917	78.3917
NF_kecil_5 menit	6				78.4250	78.4250	78.4250
NF_besar_5 menit	6					78.5700	78.5700
F_besar_5 menit	6						78.6433
Sig.		.095	.062	.054	.069	.056	.156

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 6.000.

**Lampiran 6. Analisa normalitas dan hasil uji signifikansi data kadar air tahu yang direbus**

**Tests of Normality**

tahu	Kolmogorov-Smirnov <sup>a</sup>			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
kdr_air formalin	.077	54	.200*	.981	54	.534
non formalin	.073	54	.200*	.989	54	.904

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

a. Lilliefors Significance Correction

**Tests of Normality**

ukuran	Kolmogorov-Smirnov <sup>a</sup>			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
kdr_air besar	.081	36	.200*	.969	36	.388
sedang	.128	36	.147	.927	36	.021
kecil	.107	36	.200*	.978	36	.683

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

a. Lilliefors Significance Correction

**Tests of Normality**

waktu	Kolmogorov-Smirnov <sup>a</sup>			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
kdr_air 5 menit	.088	36	.200*	.985	36	.884
10 menit	.097	36	.200*	.973	36	.523
15 menit	.111	36	.200*	.962	36	.241

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

a. Lilliefors Significance Correction

Uji signifikansi kadar air tahu yang direbus berdasarkan ANOVA 1 arah

**Descriptives**

kdr\_air

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
F_besar_5 menit	6	78.6483	.56612	.23112	78.0542	79.2424	78.03	79.40
F_besar_10 menit	6	78.6117	.57746	.23575	78.0057	79.2177	77.84	79.20
F_besar_15 menit	6	78.6267	.62410	.25479	77.9717	79.2816	77.70	79.23
F_sedang_5 menit	6	78.9133	1.04779	.42776	77.8137	80.0129	77.92	80.20
F_sedang_10 menit	6	78.9767	1.07163	.43749	77.8521	80.1013	77.32	80.18
F_sedang_15 menit	6	78.5133	1.50060	.61262	76.9386	80.0881	76.82	80.36
F_kecil_5 menit	6	78.4167	.31904	.13025	78.0819	78.7515	77.98	78.93
F_kecil_10 menit	6	77.5817	.73276	.29915	76.8127	78.3507	76.80	78.37
F_kecil_15 menit	6	77.4800	.73577	.30038	76.7079	78.2521	76.30	78.17
NF_besar_5 menit	6	78.2367	.52206	.21313	77.6888	78.7845	77.32	78.74
NF_besar_10 menit	6	78.1367	.78592	.32085	77.3119	78.9614	76.78	79.06
NF_besar_15 menit	6	77.7200	.45378	.18526	77.2438	78.1962	77.02	78.14
NF_sedang_5 menit	6	78.0333	1.26731	.51738	76.7034	79.3633	76.64	79.56
NF_sedang_10 menit	6	77.8317	.27672	.11297	77.5413	78.1221	77.56	78.23
NF_sedang_15 menit	6	77.2383	.72162	.29460	76.4810	77.9956	76.64	78.66
NF_kecil_5 menit	6	78.4433	.71096	.29025	77.6972	79.1894	77.60	79.33
NF_kecil_10 menit	6	77.8050	.43693	.17838	77.3465	78.2635	77.48	78.63
NF_kecil_15 menit	6	76.9817	.82211	.33562	76.1189	77.8444	75.87	78.16
Total	108	78.1219	.92075	.08860	77.9463	78.2976	75.87	80.36

**kdr\_air**

Duncan<sup>a</sup>

perlakuan	N	Subset for alpha = .05					
		1	2	3	4	5	6
NF_kecil_15 menit	6	76.9817					
NF_sedang_15 menit	6	77.2383	77.2383				
F_kecil_15 menit	6	77.4800	77.4800	77.4800			
F_kecil_10 menit	6	77.5817	77.5817	77.5817	77.5817		
NF_besar_15 menit	6	77.7200	77.7200	77.7200	77.7200		
NF_kecil_10 menit	6	77.8050	77.8050	77.8050	77.8050		
NF_sedang_10 menit	6	77.8317	77.8317	77.8317	77.8317	77.8317	
NF_sedang_5 menit	6	78.0333	78.0333	78.0333	78.0333	78.0333	78.0333
NF_besar_10 menit	6		78.1367	78.1367	78.1367	78.1367	78.1367
NF_besar_5 menit	6		78.2367	78.2367	78.2367	78.2367	78.2367
F_kecil_5 menit	6			78.4167	78.4167	78.4167	78.4167
NF_kecil_5 menit	6			78.4433	78.4433	78.4433	78.4433
F_sedang_15 menit	6			78.5133	78.5133	78.5133	78.5133
F_besar_10 menit	6				78.6117	78.6117	78.6117
F_besar_15 menit	6				78.6267	78.6267	78.6267
F_besar_5 menit	6				78.6483	78.6483	78.6483
F_sedang_5 menit	6					78.9133	78.9133
F_sedang_10 menit	6						78.9767
Sig.		.052	.068	.063	.057	.051	.090

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 6.000.

**Lampiran 7. Uji signifikansi kadar formaldehida pada tahu yang dikukus dengan pengujian non parametrik**

**Descriptives**

form\_tahu

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
F_besar_5 menit	5	948.5648	4.3802745	1.9589183	943.125971	954.003629	943.8310	952.8900
F_besar_10 menit	5	877.2078	4.1479015	1.8549979	872.057500	882.358100	870.4870	881.8830
F_besar_15 menit	5	844.4222	3.2889517	1.4708639	840.338427	848.505973	838.9290	847.1100
F_sedang_5 menit	6	861.0389	28.0373193	11.44619	831.615571	890.462295	837.4188	911.9318
F_sedang_10 menit	6	678.6932	11.4250069	4.6642395	666.703357	690.682976	662.8247	692.7760
F_sedang_15 menit	6	602.8815	5.6489778	2.3061855	596.953245	608.809722	593.9123	611.4448
F_kecil_5 menit	6	753.5309	13.0322596	5.3203977	739.854332	767.207368	734.4156	769.9675
F_kecil_10 menit	6	635.9578	12.5046399	5.1049979	622.835002	649.080631	621.4286	651.6234
F_kecil_15 menit	6	526.7857	13.3850422	5.4644206	512.738976	540.832457	515.2597	546.4286
Total	51	739.3000	136.7955683	19.15521	700.825662	777.774409	515.2597	952.8900

Uji signifikansi Kruskal- Wallis test

**Test Statistics<sup>a,b</sup>**

	form_tahu
Chi-Square	48.690
df	8
Asymp. Sig.	.000

a. Kruskal Wallis Test

b. Grouping Variable: perlakuan



Tabel 10. Signifikansi uji Mann Whitney kadar formaldehida pada tahu yang dikukus

	1	2	3	4	5	6	7	8	9
1	-	*	*	*	*	*	*	*	*
2	*	-	*	TB	*	*	*	*	*
3	*	*	-	TB	*	*	*	*	*
4	*	TB	TB	-	*	*	*	*	*
5	*	*	*	*	-	*	*	*	*
6	*	*	*	*	*	-	*	*	*
7	*	*	*	*	*	*	-	*	*
8	*	*	*	*	*	*	*	-	*
9	*	*	*	*	*	*	*	*	-

Keterangan :

Tanda \* menunjukkan ada beda nyata

Tanda TB menunjukkan tidak ada beda nyata

1 = tahu formalin ukuran besar, kukus 5'

2 = tahu formalin ukuran besar, kukus 10'

3 = tahu formalin ukuran besar, kukus 15'

4 = tahu formalin ukuran sedang, kukus 5'

5 = tahu formalin ukuran sedang, kukus 10'

6 = tahu formalin ukuran sedang, kukus 15'

7 = tahu formalin ukuran kecil, kukus 5'

8 = tahu formalin ukuran kecil, kukus 10'

9 = tahu formalin ukuran kecil, kukus 15'

**Lampiran 8. Uji signifikansi kadar formaldehida pada tahu yang direbus dengan pengujian non parametrik**

**Descriptives**

form\_tahu

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
F_besar_5 menit	5	948.5648	4.3802745	1.9589183	943.125971	954.003629	943.8310	952.8900
F_besar_10 menit	5	877.2078	4.1479015	1.8549979	872.057500	882.358100	870.4870	881.8830
F_besar_15 menit	5	844.4222	3.2889517	1.4708639	840.338427	848.505973	838.9290	847.1100
F_sedang_5 menit	6	861.0389	28.0373193	11.44619	831.615571	890.462295	837.4188	911.9318
F_sedang_10 menit	6	678.6932	11.4250069	4.6642395	666.703357	690.682976	662.8247	692.7760
F_sedang_15 menit	6	602.8815	5.6489778	2.3061855	596.953245	608.809722	593.9123	611.4448
F_kecil_5 menit	6	753.5309	13.0322596	5.3203977	739.854332	767.207368	734.4156	769.9675
F_kecil_10 menit	6	635.9578	12.5046399	5.1049979	622.835002	649.080631	621.4286	651.6234
F_kecil_15 menit	6	526.7857	13.3850422	5.4644206	512.738976	540.832457	515.2597	546.4286
Total	51	739.3000	136.7955683	19.15521	700.825662	777.774409	515.2597	952.8900

Uji signifikansi Kruskal- Wallis test

**Test Statistics<sup>a,b</sup>**

	form_tahu
Chi-Square	51.688
df	8
Asymp. Sig.	.000

a. Kruskal Wallis Test

b. Grouping Variable: perlakuan

Tabel 11. Signifikansi uji Mann Whitney kadar formaldehida pada tahu yang direbus

	1	2	3	4	5	6	7	8	9
1	-	*	*	TB	*	*	*	*	*
2	*	-	*	*	*	*	*	*	*
3	*	*	-	*	*	*	*	*	*
4	TB	*	*	-	*	*	*	*	*
5	*	*	*	*	-	*	*	*	*
6	*	*	*	*	*	-	TB	*	*
7	*	*	*	*	*	TB	-	*	*
8	*	*	*	*	*	*	*	-	*
9	*	*	*	*	*	*	*	*	-

Keterangan :

Tanda \* menunjukkan ada beda nyata

Tanda TB menunjukkan tidak ada beda nyata

1 = tahu formalin ukuran besar, rebus 5'

2 = tahu formalin ukuran besar, rebus 10'

3 = tahu formalin ukuran besar, rebus 15'

4 = tahu formalin ukuran sedang, rebus 5'

5 = tahu formalin ukuran sedang, rebus 10'

6 = tahu formalin ukuran sedang, rebus 15'

7 = tahu formalin ukuran kecil, rebus 5'

8 = tahu formalin ukuran kecil, rebus 10'

9 = tahu formalin ukuran kecil, rebus 15'

**Lampiran 9. Analisa normalitas dan hasil uji signifikansi kadar formaldehida pada residu air pengukusan tahu**

**Tests of Normality**

ukuran	Kolmogorov-Smirnov <sup>a</sup>			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
form_air besar	.167	18	.200*	.938	18	.268
sedang	.121	18	.200*	.968	18	.758
kecil	.168	18	.194	.881	18	.028

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

a. Lilliefors Significance Correction

**Tests of Normality**

waktu	Kolmogorov-Smirnov <sup>a</sup>			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
form_air 5 menit	.140	18	.200*	.947	18	.383
10 menit	.108	18	.200*	.970	18	.793
15 menit	.113	18	.200*	.948	18	.388

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

a. Lilliefors Significance Correction

Uji signifikansi kadar formaldehida pada residu air pengukusan tahu berdasarkan ANOVA 1 arah

**Descriptives**

form air

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
F_besar_5 menit	6	3.670467	.2562387	.1046090	3.401561	3.939373	3.2890	3.9448
F_besar_10 menit	6	5.207800	.2267419	.0925670	4.969849	5.445751	4.9221	5.5455
F_besar_15 menit	6	6.415583	.4124023	.1683625	5.982794	6.848373	5.9838	7.0032
F_sedang_5 menit	6	4.950767	.5159085	.2106188	4.409354	5.492179	4.3312	5.5455
F_sedang_10 menit	6	5.391767	.6868633	.2804108	4.670948	6.112585	4.1526	6.0227
F_sedang_15 menit	6	6.836583	.3694284	.1508185	6.448892	7.224275	6.5032	7.4968
F_kecil_5 menit	6	4.437750	.4848217	.1979276	3.928961	4.946539	4.0130	5.3571
F_kecil_10 menit	6	6.600100	.6536370	.2668462	5.914150	7.286050	5.9123	7.7532
F_kecil_15 menit	6	7.280850	.2720023	.1110445	6.995401	7.566299	6.8994	7.5487
Total	54	5.643519	1.2259862	.1668356	5.308889	5.978148	3.2890	7.7532

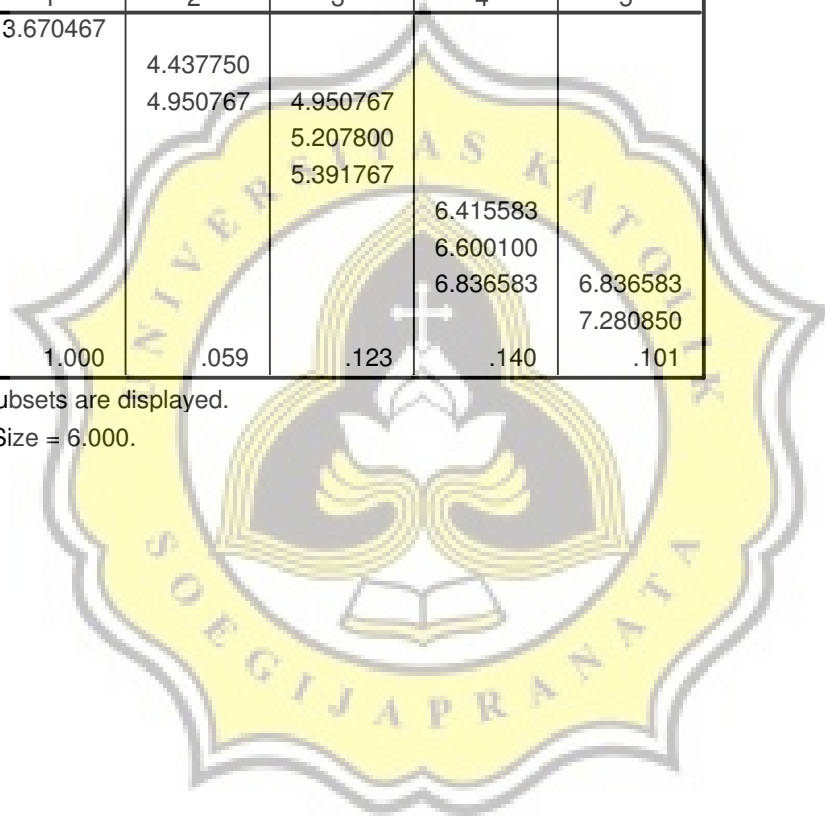
form\_air

Duncan<sup>a</sup>

perlakuan	N	Subset for alpha = .05				
		1	2	3	4	5
F_besar_5 menit	6	3.670467				
F_kecil_5 menit	6		4.437750			
F_sedang_5 menit	6		4.950767	4.950767		
F_besar_10 menit	6			5.207800		
F_sedang_10 menit	6			5.391767		
F_besar_15 menit	6				6.415583	
F_kecil_10 menit	6				6.600100	
F_sedang_15 menit	6				6.836583	6.836583
F_kecil_15 menit	6					7.280850
Sig.		1.000	.059	.123	.140	.101

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 6.000.



**Lampiran 10. Uji signifikansi kadar formaldehida pada residu air perebusan tahu dengan pengujian non parametrik**

**Descriptives**

form\_air

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
F_besar_5 menit	6	20.668300	1.7995266	.7346537	18.779813	22.556787	18.0844	22.3539
F_besar_10 menit	6	24.345250	.6426478	.2623599	23.670832	25.019668	23.4091	24.9513
F_besar_15 menit	6	27.345783	.5568812	.2273458	26.761372	27.930194	26.8669	28.3929
F_sedang_5 menit	6	22.738100	1.0758562	.4392165	21.609058	23.867142	21.0227	23.7825
F_sedang_10 menit	6	26.260800	1.6609326	.6780729	24.517758	28.003842	24.1071	28.7175
F_sedang_15 menit	6	30.925350	.7052906	.2879337	30.185193	31.665507	29.9351	31.7370
F_kecil_5 menit	6	32.345783	1.9882465	.8116982	30.259247	34.432320	30.8929	36.0227
F_kecil_10 menit	6	35.159633	.6782246	.2768840	34.447880	35.871386	34.1883	35.8117
F_kecil_15 menit	6	36.696433	.4896828	.1999122	36.182543	37.210324	36.2987	37.3539
Total	54	28.498381	5.4378586	.7399988	27.014132	29.982631	18.0844	37.3539

Uji signifikansi Kruskal-Wallis

**Test Statistics<sup>a,b</sup>**

	form_air
Chi-Square	50.692
df	8
Asymp. Sig.	.000

a. Kruskal Wallis Test

b. Grouping Variable: perlakuan

Tabel 12. Signifikansi uji Mann Whitney kadar formaldehida pada residu air perebusan tahu

	1	2	3	4	5	6	7	8	9
1	-	*	*	TB	*	*	*	*	*
2	*	-	*	*	*	*	*	*	*
3	*	*	-	*	TB	*	*	*	*
4	TB	*	*	-	*	*	*	*	*
5	*	*	TB	*	-	*	*	*	*
6	*	*	*	*	*	-	TB	*	*
7	*	*	*	*	*	TB	-	TB	*
8	*	*	*	*	*	*	TB	-	*
9	*	*	*	*	*	*	*	*	-

Tanda \* menunjukkan ada beda nyata

TB menunjukkan tidak ada beda nyata

Keterangan :

- 1 = residu air perebusan tahu ukuran besar selama 5'
- 2 = residu air perebusan tahu ukuran besar selama 10'
- 3 = residu air perebusan tahu ukuran besar selama 15'
- 4 = residu air perebusan tahu ukuran sedang selama 5'
- 5 = residu air perebusan tahu ukuran sedang selama 10'
- 6 = residu air perebusan tahu ukuran sedang selama 15'
- 7 = residu air perebusan tahu ukuran kecil selama 5'
- 8 = residu air perebusan tahu ukuran kecil selama 10'
- 9 = residu air perebusan tahu ukuran kecil selama 15'