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LAMPIRAN

Lampiran 1. Data Hasil Organoleptik kekenyalan (Uji Ranking) Gel Pati Sagu Penambahan Gula Merah (suhu ruang,suhu dingin, suhu beku)

Hasil skoring data organoleptik (fischer dan Yates, 1942)

Suhu Ruang

Sampel	Perlakuan			
	f1	f2	f3	total
Panelis 1	-0.58	0.58	0	0.000
Panelis 2	0.58	0	-0.58	0.850
Panelis 3	0.58	0.85	-0.850	0.850
Panelis 4	0	0	0	0.850
Panelis 5	0	0.85	0	0.850
Panelis 6	-0.58	0.85	0	0.850
Panelis 7	0	0.85	0	0.850
Panelis 8	0	0.85	0	0.850
Panelis 9	0	-0.850	0.85	0.000
Panelis 10	-0.850	0.85	0	0.000
Panelis 11	0	0.85	0	0.850
Panelis 12	-0.850	0.85	0.85	0.850
Panelis 13	0	0	0.85	0.850
Panelis 14	0	0.85	0	0.850
Panelis 15	0	0.85	0	0.850
total	2.550	9.350	4.250	16.150

Suhu Dingin

Sampel	Perlakuan			
	f1	f2	f3	total
Panelis 1	-0.58	0.58	0	0.000
Panelis 2	0.58	0	-0.58	0.850
Panelis 3	0.58	0.85	-0.850	0.850
Panelis 4	0	0	0	0.850
Panelis 5	0	0.85	0	0.850
Panelis 6	-0.58	0.85	0	0.850
Panelis 7	0	0.85	0	0.850
Panelis 8	0	0.85	0	0.850
Panelis 9	0	-0.850	0.85	0.000
Panelis 10	-0.850	0.85	0	0.000
Panelis 11	0	0.85	0	0.850
Panelis 12	-0.850	0.85	0.85	0.850
Panelis 13	0	0	0.85	0.850

Panelis 14	0	0.85	0	0.850
Panelis 15	0	0.85	0	0.850
total	2.550	9.350	4.250	16.150

Suhu Beku

Sampel	Perlakuan			
	f1	f2	f3	total
Panelis 1	-0.58	0.58	0	0.000
Panelis 2	0.58	0	-0.58	0.850
Panelis 3	0.58	0.85	-0.850	0.850
Panelis 4	0	0	0	0.850
Panelis 5	0	0.85	0	0.850
Panelis 6	-0.58	0.85	0	0.850
Panelis 7	0	0.85	0	0.850
Panelis 8	0	0.85	0	0.850
Panelis 9	0	-0.850	0.85	0.000
Panelis 10	-0.850	0.85	0	0.000
Panelis 11	0	0.85	0	0.850
Panelis 12	-0.850	0.85	0.85	0.850
Panelis 13	0	0	0.85	0.850
Panelis 14	0	0.85	0	0.850
Panelis 15	0	0.85	0	0.850
total	2.550	9.350	4.250	16.150

Lampiran 2. Data Hasil Organoleptik kekenyalan (Uji Ranking) Gel Pati Sagu Penambahan Santan (suhu ruang, suhu dingin, suhu beku)

Suhu Ruang

Sampel	Perlakuan			
	f1	f2	f3	total
Panelis 1	-0.58	0.58	0	0.000
Panelis 2	0.58	0	-0.58	0.850
Panelis 3	0.58	0.85	-0.850	0.850
Panelis 4	0	0	0	0.850
Panelis 5	0	0.85	0	0.850
Panelis 6	-0.58	0.85	0	0.850
Panelis 7	0	0.85	0	0.850
Panelis 8	0	0.85	0	0.850
Panelis 9	0	-0.850	0.85	0.000
Panelis 10	-0.850	0.85	0	0.000
Panelis 11	0	0.85	0	0.850
Panelis 12	-0.850	0.85	0.85	0.850

Panelis 13	0	0	0.85	0.850
Panelis 14	0	0.85	0	0.850
Panelis 15	0	0.85	0	0.850
total	2.550	9.350	4.250	16.150

Suhu Dingin

Sampel	Perlakuan			
	f1	f2	f3	total
Panelis 1	-0.58	0.58	0	0.000
Panelis 2	0.58	0	-0.58	0.850
Panelis 3	0.58	0.85	-0.850	0.850
Panelis 4	0	0	0	0.850
Panelis 5	0	0.85	0	0.850
Panelis 6	-0.58	0.85	0	0.850
Panelis 7	0	0.85	0	0.850
Panelis 8	0	0.85	0	0.850
Panelis 9	0	-0.850	0.85	0.000
Panelis 10	-0.850	0.85	0	0.000
Panelis 11	0	0.85	0	0.850
Panelis 12	-0.850	0.85	0.85	0.850
Panelis 13	0	0	0.85	0.850
Panelis 14	0	0.85	0	0.850
Panelis 15	0	0.85	0	0.850
total	2.550	9.350	4.250	16.150

Suhu Beku

Sampel	Perlakuan			
	f1	f2	f3	total
Panelis 1	-0.58	0.58	0	0.000
Panelis 2	0.58	0	-0.58	0.850
Panelis 3	0.58	0.85	-0.850	0.850
Panelis 4	0	0	0	0.850
Panelis 5	0	0.85	0	0.850
Panelis 6	-0.58	0.85	0	0.850
Panelis 7	0	0.85	0	0.850
Panelis 8	0	0.85	0	0.850
Panelis 9	0	-0.850	0.85	0.000
Panelis 10	-0.850	0.85	0	0.000
Panelis 11	0	0.85	0	0.850
Panelis 12	-0.850	0.85	0.85	0.850
Panelis 13	0	0	0.85	0.850
Panelis 14	0	0.85	0	0.850
Panelis 15	0	0.85	0	0.850
total	2.550	9.350	4.250	16.150

Lampiran 3. Data Hasil Organoleptik kekenyalan (Uji Ranking) Gel Pati Sagu Penambahan Minyak Kelapa (suhu ruang,suhu dingin, suhu beku)

Suhu Ruang

Sampel	Perlakuan			
	f1	f2	f3	total
Panelis 1	-0.58	0.58	0	0.000
Panelis 2	0.58	0	-0.58	0.850
Panelis 3	0.58	0.85	-0.850	0.850
Panelis 4	0	0	0	0.850
Panelis 5	0	0.85	0	0.850
Panelis 6	-0.58	0.85	0	0.850
Panelis 7	0	0.85	0	0.850
Panelis 8	0	0.85	0	0.850
Panelis 9	0	-0.850	0.85	0.000
Panelis 10	-0.850	0.85	0	0.000
Panelis 11	0	0.85	0	0.850
Panelis 12	-0.850	0.85	0.85	0.850
Panelis 13	0	0	0.85	0.850
Panelis 14	0	0.85	0	0.850
Panelis 15	0	0.85	0	0.850
total	2.550	9.350	4.250	16.150

Suhu Dingin

Sampel	Perlakuan			
	f1	f2	f3	total
Panelis 1	-0.58	0.58	0	0.000
Panelis 2	0.58	0	-0.58	0.850
Panelis 3	0.58	0.85	-0.850	0.850
Panelis 4	0	0	0	0.850
Panelis 5	0	0.85	0	0.850
Panelis 6	-0.58	0.85	0	0.850
Panelis 7	0	0.85	0	0.850
Panelis 8	0	0.85	0	0.850
Panelis 9	0	-0.850	0.85	0.000
Panelis 10	-0.850	0.85	0	0.000
Panelis 11	0	0.85	0	0.850
Panelis 12	-0.850	0.85	0.85	0.850
Panelis 13	0	0	0.85	0.850
Panelis 14	0	0.85	0	0.850
Panelis 15	0	0.85	0	0.850
total	2.550	9.350	4.250	16.150

Suhu Beku

Sampel	Perlakuan			
	f1	f2	f3	total
Panelis 1	-0.58	0.58	0	0.000
Panelis 2	0.58	0	-0.58	0.850
Panelis 3	0.58	0.85	-0.850	0.850
Panelis 4	0	0	0	0.850
Panelis 5	0	0.85	0	0.850
Panelis 6	-0.58	0.85	0	0.850
Panelis 7	0	0.85	0	0.850
Panelis 8	0	0.85	0	0.850
Panelis 9	0	-0.850	0.85	0.000
Panelis 10	-0.850	0.85	0	0.000
Panelis 11	0	0.85	0	0.850
Panelis 12	-0.850	0.85	0.85	0.850
Panelis 13	0	0	0.85	0.850
Panelis 14	0	0.85	0	0.850
Panelis 15	0	0.85	0	0.850
total	2.550	9.350	4.250	16.150

Lampiran 4. Data Hasil Analisis Sidik Ragam Kadar Air Gel Pati Sagu Penambahan Gula Merah

ANOVA

Nilai

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	739,623	3	246,541	92,793	,000
Within Groups	21,255	8	2,657		
Total	760,878	11			

Nilai

Duncan^a

kadarair	N	Subset for alpha = 0.05			
		1	2	3	4
GD	3	49,51497			
GB	3		55,48038		
GR	3			59,77128	
K	3				70,98367
Sig.		1,000	1,000	1,000	1,000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3,000.

Lampiran 5. Data Hasil Analisis Sidik Ragam Kadar Air Gel Pati Sagu Penambahan Santan

ANOVA

Nilai

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	274,600	3	91,533	27,257	,000
Within Groups	26,865	8	3,358		
Total	301,464	11			

Nilai

Duncan^a

kadarair	N	Subset for alpha = 0.05		
		1	2	3
SD	3	58,30193		
SB	3	60,58393	60,58393	
SR	3		63,71731	
K	3			70,98367
Sig.		,166	,070	1,000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3,000.

Lampiran 6. Data Hasil Analisis Sidik Ragam Kadar Air Gel Pati Sagu Penambahan Minyak Kelapa

ANOVA

Nilai

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	562,688	3	187,563	23,607	,000
Within Groups	63,561	8	7,945		
Total	626,249	11			

Nilai

Duncan^a

kadarair	N	Subset for alpha = 0.05		
		1	2	3
MB	3	51,86133		
MD	3		59,17174	
MR	3		59,32883	
K	3			70,98367
Sig.		1,000	,947	1,000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3,000.

Lampiran 7. Data Hasil Analisis Sidik Ragam Kadar Pati Gel Pati Sagu Penambahan Gula Merah

ANOVA

Nilai

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	,000	3	,000	99,440	,000
Within Groups	,000	8	,000		
Total	,000	11			

Nilai

Duncan^a

Pati	N	Subset for alpha = 0.05		
		1	2	3
K	3	,006095		
GR	3	,006697		
GD	3		,014302	
GB	3			,018877
Sig.		,511	1,000	1,000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3,000.

Lampiran 8. Data Hasil Analisis Sidik Ragam Kadar Pati Gel Pati Sagu Penambahan Santan

ANOVA

Nilai

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	,001	3	,000	156,691	,000
Within Groups	,000	8	,000		
Total	,001	11			

Nilai

Duncan^a

Pati	N	Subset for alpha = 0.05			
		1	2	3	4
K	3	,006095			
SR	3		,010296		
SD	3			,017591	
SB	3				,026433
Sig.		1,000	1,000	1,000	1,000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3,000.

Lampiran 9. Data Hasil Analisis Sidik Ragam Kadar Pati Gel Pati Sagu Penambahan Minyak Kelapa

ANOVA

Nilai

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	,001	3	,000	163,461	,000
Within Groups	,000	8	,000		
Total	,001	11			

Nilai

Duncan^a

Pati	N	Subset for alpha = 0.05		
		1	2	3
K	3	,006095		
MR	3	,007397		
MD	3		,011989	
MB	3			,027002
Sig.		,254	1,000	1,000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3,000.

Lampiran 10. Data Hasil Analisis Sidik Ragam Kadar Amilosa Gel Pati Sagu Penambahan Gula Merah

ANOVA

Nilai

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	,001	3	,000	90,860	,000
Within Groups	,000	8	,000		
Total	,001	11			

Nilai

Duncan^a

Amilosa	N	Subset for alpha = 0.05	
		1	2
GB	3	,019341239	
GD	3	,021778656	
GR	3	,023096179	
K	3		,042924901
Sig.		,056	1,000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3,000.

Lampiran 11. Data Hasil Analisis Sidik Ragam Kadar Amilosa Gel Pati Sagu Penambahan Santan

ANOVA

Nilai

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	,001	3	,000	20,746	,000
Within Groups	,000	8	,000		
Total	,001	11			

Nilai

Duncan^a

Amilosa	N	Subset for alpha = 0.05	
		1	2
SB	3	,024018445	
SD	3		,039169961
SR	3		,040948617
K	3		,042924901
Sig.		1,000	,216

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3,000.

Lampiran 12. Data Hasil Analisis Sidik Ragam Kadar Amilosa Gel Pati Sagu Penambahan Minyak Kelapa

ANOVA

Nilai

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	,001	3	,000	345,768	,000
Within Groups	,000	8	,000		
Total	,001	11			

Nilai

Duncan^a

Amilosa	N	Subset for alpha = 0.05			
		1	2	3	4
MB	3	,018814229			
MD	3		,030935442		
MR	3			,034295125	
K	3				,042924901
Sig.		1,000	1,000	1,000	1,000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3,000.

Lampiran 13. Data Hasil Analisis Sidik Ragam Kadar Amilopektin Gel Pati Sagu Penambahan Gula Merah

ANOVA

Nilai

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	,001	3	,000	90,860	,000
Within Groups	,000	8	,000		
Total	,001	11			

Nilai

Duncan^a

Amilopektin	N	Subset for alpha = 0.05	
		1	2
K	3	99,957075097	
GR	3		99,976903820
GD	3		99,978221343
GB	3		99,980658760
Sig.		1,000	,056

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3,000.

Lampiran 14. Data Hasil Analisis Sidik Ragam Kadar Amilopektin Gel Pati Sagu Penambahan Santan

ANOVA

Nilai

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	,001	3	,000	20,746	,000
Within Groups	,000	8	,000		
Total	,001	11			

Nilai

Duncan^a

Amilopektin	N	Subset for alpha = 0.05	
		1	2
K	3	99,957075097	
SR	3	99,959051383	
SD	3	99,960830040	
SB	3		99,975981557
Sig.		,216	1,000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3,000.

Lampiran 15. Data Hasil Analisis Sidik Ragam Kadar Amilopektin Gel Pati Sagu Penambahan Minyak Kelapa

ANOVA

Nilai

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	,001	3	,000	345,768	,000
Within Groups	,000	8	,000		
Total	,001	11			

Nilai

Duncan^a

Amilopektin	N	Subset for alpha = 0.05			
		1	2	3	4
K	3	99,957075097			
MR	3		99,965704877		
MD	3			99,969064557	
MB	3				99,981185770
Sig.		1,000	1,000	1,000	1,000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3,000.

Lampiran 16. Data Hasil Analisis Sidik Ragam Uji Tekstur (Tekstur Analyzer) Gel Pati Sagu Penambahan Gula Merah

ANOVA

Nilai

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	,221	3	,074	1,423	,360
Within Groups	,207	4	,052		
Total	,429	7			

Nilai

Duncan^a

Teksture	N	Subset for alpha = 0.05
		1
GB	2	,25015
GR	2	,51085
k	2	,51320
GD	2	,71890
Sig.		,114

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 2,000.

Lampiran 17. Data Hasil Analisis Sidik Ragam Uji Tekstur (Tekstur Analyzer) Gel Pati Sagu Penambahan Santan

ANOVA

Nilai

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	,002	3	,001	,447	,733
Within Groups	,007	4	,002		
Total	,009	7			

Nilai

Duncan^a

Teksture	N	Subset for alpha = 0.05	
		1	
SB	2	,47235	
SR	2	,50675	
SD	2	,51055	
K	2	,51320	
Sig.		,372	

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 2,000.

Lampiran 18. Data Hasil Analisis Sidik Ragam Uji Tekstur (Tekstur Analyzer) Gel Pati Sagu Penambahan Minyak Kelapa

ANOVA

Nilai

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	,038	3	,013	6,770	,048
Within Groups	,007	4	,002		
Total	,045	7			

Teksture	N	Subset for alpha = 0.05	
		1	2
MR	2	,36475	
MB	2	,46715	,46715
K	2		,51320
MD	2		,54730
Sig.		,076	,142

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 2,000.

Lampiran 19. Dokumentasi Penelitian



