

8.LAMPIRAN

Lampiran 1. Deskripsi Sensoris *Choux Pastry* pada Berbagai Tingkat Substitusi Tepung Tempe

Substitusi Tepung Tempe	Parameter Point (P)	warna		aroma		tekstur		rasa		<i>overall</i>	
		F	P.F	F	P.F	F	P.F	F	P.F	F	P.F
0%	1	8	8	5	5	8	8	7	7	5	5
	2	5	10	8	16	5	10	7	14	9	18
	3	14	42	17	51	22	66	20	60	24	72
	4	23	92	20	80	15	60	16	64	12	48
	Jumlah	50	152	50	152	50	144	50	145	50	143
	Rata-rata	3,04		3,04		2,88		2,9		2,86	
25%	1	6	6	7	7	3	3	4	4	3	3
	2	10	20	6	12	10	20	9	18	7	14
	3	19	57	23	69	16	48	15	45	16	48
	4	15	60	14	56	21	84	22	88	24	96
	Jumlah	50	143	50	144	50	155	50	155	50	161
	Rata-rata	2,86		2,88		3,1		3,1		3,22	
50%	1	19	19	14	14	15	15	4	4	17	17
	2	18	36	21	42	19	38	23	46	22	44
	3	6	18	9	27	11	33	14	42	4	12
	4	7	28	6	24	5	20	9	36	7	28
	Jumlah	50	101	50	107	50	106	50	128	50	101
	Rata-rata	2,02		2,14		2,12		2,56		2,02	
75%	1	20	20	23	23	17	17	24	24	20	20
	2	16	32	17	34	21	42	13	26	18	36
	3	8	24	7	21	9	27	9	27	7	21
	4	6	24	3	12	3	12	4	16	5	20
	Jumlah	50	100	50	90	50	98	50	93	50	97
	Rata-rata	2		1,8		1,96		1,86		1,94	

Lampiran 2. Deskripsi Sensoris *Puff Pastry* pada Berbagai Tingkat Substitusi Tepung Tempe

Substitusi Tepung Tempe	Parameter Point (P)	warna		aroma		tekstur		rasa		<i>overall</i>	
		F	P.F	F	P.F	F	P.F	F	P.F	F	P.F
0%	1	21	21	6	6	4	4	4	4	4	4
	2	11	22	9	18	10	20	7	14	8	16
	3	11	33	13	39	21	63	17	51	17	51
	4	7	28	22	88	15	60	22	88	21	84
	Jumlah	50	104	50	151	50	147	50	157	50	155
	Rata-rata	2,08		3,02		2,94		3,14		3,1	
25%	1	7	7	6	6	5	5	4	4	2	2
	2	6	12	10	20	7	14	8	16	10	20
	3	16	48	23	69	20	60	23	69	14	42
	4	21	84	11	44	18	72	15	60	24	96
	Jumlah	50	151	50	139	50	151	50	149	50	160
	Rata-rata	3,02		2,78		3,02		2,98		3,2	
50%	1	5	5	12	12	12	12	13	13	11	11
	2	10	20	18	36	19	38	20	40	23	46
	3	21	63	13	39	8	24	8	24	10	30
	4	14	56	7	28	11	44	9	36	6	24
	Jumlah	50	144	50	115	50	118	50	113	50	111
	Rata-rata	2,88		2,3		2,36		2,26		2,22	
75%	1	8	8	20	20	26	26	25	25	23	23
	2	23	46	18	36	14	28	18	36	18	36
	3	12	36	5	15	7	21	5	15	9	27
	4	7	28	7	28	3	12	2	8	0	0
	Jumlah	50	118	50	99	50	87	50	84	50	86
	Rata-rata	2,36		1,98		1,74		1,68		1,72	

Lampiran 4. Hasil Uji Sensoris Pendahuluan Pre-Treatment Tepung Tempe

warna	TP	K5	K15	R5
a	3	4	3	3
b	2	2	4	3
c	4	3	3	2
d	4	3	4	4
e	2	4	3	4
f	3	4	3	3
g	3	4	3	4
h	2	4	5	2
i	2	3	3	2
j	2	4	3	3
jumlah	27	35	34	30

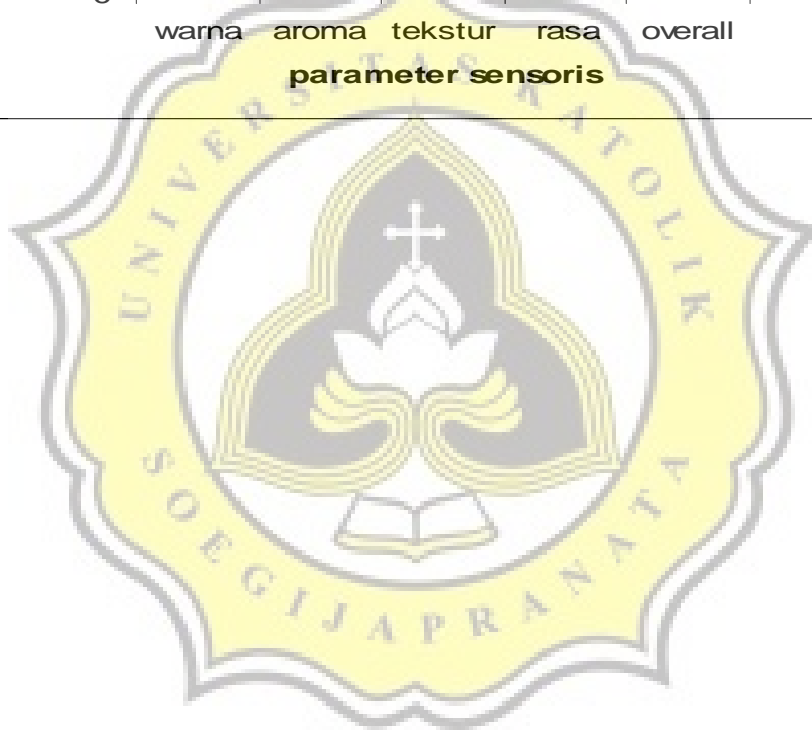
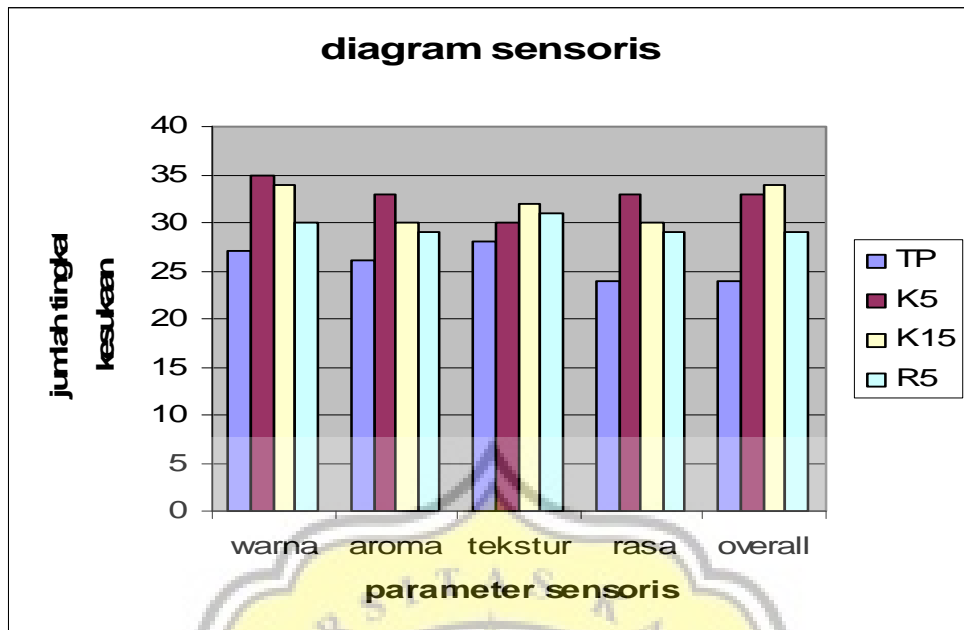
tekstur	TP	K5	K15	R5
a	3	3	3	3
b	3	3	3	2
c	3	3	3	4
d	2	4	5	4
e	2	2	2	4
f	4	4	4	3
g	3	3	3	4
h	2	3	2	3
i	3	2	3	2
j	3	3	4	2
jumlah	28	30	32	31

aroma	TP	K5	K15	R5
a	3	3	3	2
b	2	4	3	2
c	2	4	2	3
d	3	3	3	4
e	3	3	3	3
f	3	2	3	2
g	2	4	4	3
h	3	3	2	4
i	2	4	4	3
j	3	3	3	3
jumlah	26	33	30	29

rasa	TP	K5	K15	R5
a	3	3	4	2
b	3	4	3	4
c	2	2	3	3
d	3	4	2	3
e	2	3	2	2
f	3	4	3	2
g	2	3	5	4
h	1	3	3	4
i	2	3	2	2
j	3	4	3	3
jumlah	24	33	30	29

overall	TP	K5	K15	R5
a	2	3	4	2
b	2	4	3	3
c	3	3	3	4
d	2	3	5	4
e	2	3	3	3
f	3	4	3	2
g	2	4	3	3
h	2	2	3	2
i	3	4	3	4
j	3	3	4	2
jumlah	24	33	34	29

	TP	K5	K15	R5
warna	27	35	34	30
aroma	26	33	30	29
tekstur	28	30	32	31
rasa	24	33	30	29
overall	24	33	34	29



Lampiran 5. Hasil Uji Pendahuluan Volume Pengembangan Pastry

Choux

Kons tpg tempe	D1 (cm)	T ₁ (cm)	V ₁ (cm ³)	D ₂ (cm)	T ₂ (cm)	V ₂ (cm ³)	V ₂ -V ₁ (cm ³)	% pengembangan	rata-rata % pengembangan	
0%	1	4,07	1,46	19,0023	5,27	2,53	55,2086	36,2063	65,5809	64,89613
	2	4,05	1,55	19,9759	5,32	2,51	55,8164	35,8405	64,2114	
25%	1	3,92	1,84	22,2154	5,28	2,67	58,4849	36,2695	62,0151	63,15462
	2	3,86	1,79	20,9552	5,25	2,71	58,6884	37,7332	64,2941	
50%	1	3,84	1,77	20,5069	5,24	2,3	49,6198	29,1129	58,6719	58,14418
	2	3,85	1,81	21,0797	5,19	2,35	49,7356	28,6559	57,6164	
75%	1	3,91	1,52	18,2584	4,98	1,97	38,3875	20,1291	52,4367	52,53939
	2	3,95	1,48	18,1435	4,95	1,99	38,3114	20,1679	52,6421	
95%	1	4,03	1,72	21,9484	5,03	2,14	42,5417	20,5932	48,4072	47,67846
	2	3,96	1,67	20,5765	4,86	2,09	38,7868	18,2103	46,9497	

Puff

Kons tpg tempe		P ₁ (cm)	L ₁ (cm)	T ₁ (cm)	V ₁ (cm ³)	P ₂ (cm)	L ₂ (cm)	T ₂ (cm)	V ₂ (cm ³)	V ₂ -V ₁ (cm ³)	% pengembangan	rata-rata % pengembangan
0%	1	6,37	4,31	0,63	17,2965	6,22	4,08	1,46	37,0513	19,7548	53,317528	52,96284777
	2	5,74	3,25	0,65	12,1258	5,43	3,1	1,52	25,5862	13,4604	52,608168	
25%	1	5,73	3,68	0,59	12,441	5,51	3,46	1,32	25,1653	12,7243	50,562919	50,66184133
	2	5,82	3,56	0,47	9,73802	5,45	3,24	1,12	19,777	10,0389	50,760764	
50%	1	5,51	3,62	0,53	10,5715	5,33	3,27	1,09	18,9977	8,42623	44,35392	45,5757948
	2	5,59	3,49	0,52	10,1447	5,31	3,15	1,14	19,0682	8,92348	46,79767	
75%	1	5,21	3,47	0,5	9,03935	4,86	3,04	0,97	14,3312	5,29182	36,925239	38,29804412
	2	5,37	3,42	0,46	8,44808	4,91	3,1	0,92	14,0033	5,55524	39,670849	
95%	1	5,42	3,52	0,52	9,92077	5,12	3,35	0,86	14,7507	4,82995	32,743839	31,77615866
	2	5,44	3,49	0,55	10,4421	5,15	3,33	0,88	15,0916	4,64948	30,808478	