Lampiran 1.Lembar Kuisioner Uji Organoleptik Es Krim Kacang Merah

Kuisioner Organoleptik

Nama :

Umur :

Jenis Kelamin :

Tanggal :

Dihadapan Anda terdapat 7 sampel produk ice cream yang dibuat dengan formulasi yang berbeda beda. Untuk masing-masing sampel, silakan Anda coba dan mohon untuk memberikan penilaian Anda mengenai sample tersebut sesuai dengan skore di bawah ini:

1. Tidak Suka
2. Cukup Suka
3. Suka
4. Sangat Suka
5. Sangat Suka Sekali

Sampel	Warna	Tekstur	Aroma	Berpasir	Kesukaan
625					
737					
649					
751					
623					
735					
641					

Terimakasih atas kesediaan Anda. Tuhan Memberkati

Lampiran 2. Hasil Uji Sensoris

2.1 Parameter Warna

Parameter	Skala penerimaan	Skor	Hasil uji sensoris						
			0%	K2%	K4%	K6%	TK2%	TK4%	TK6%
Warna	Sangat Suka sekali	5	4	3	1	3	2	3	0
	Sangat Suka	4	9	6	4	3	8	5	9
	suka	3	10	10	10	11	12	14	6
	Cukup suka	2	4	9	7	9	6	8	13
	Tidak suka	1	3	2	8	4	2	0	2
	Total		30	30	30	30	30	30	30

Parameter	Skala penerimaan	Jumlah hasil uji dari responden x Skor						
		0%	K2%	K4%	K6%	TK2%	TK4%	TK6%
Warna	Sangat Suka sekali	20	15	5	15	10	15	0
	Sangat Suka	36	24	16	12	32	20	36
	suka	30	30	30	33	36	42	18
	Cukup suka	8	18	14	18	12	16	26
	Tidak suka	3	2	8	4	2	0	2
	Total	97	89	73	82	92	93	82
	Total score dibagi jumlah responden	3.233	2.967	2.433	2.7333	3.0667	3.1	2.733

2.2 Parameter Aroma

Parameter	Skala penerimaan	Skor	Hasil uji sensoris						
			0%	K2%	K4%	K6%	TK2%	TK4%	TK6%
Aroma	Sangat Suka sekali	5	2	1	1	2	0	2	4
	Sangat Suka	4	4	3	1	6	1	5	4
	suka	3	21	14	15	11	20	11	12
	Cukup suka	2	2	11	10	10	5	9	10
	Tidak suka	1	1	1	3	1	4	3	0
	Total		30	30	30	30	30	30	30

Parameter	Skala penerimaan	Jumlah hasil uji dari responden x Skor						
		0%	K2%	K4%	K6%	TK2%	TK4%	TK6%
Aroma	Sangat Suka sekali	10	5	5	10	0	10	20
	Sangat Suka	16	12	4	24	4	20	16
	suka	63	42	45	33	60	33	36
	Cukup suka	4	22	20	20	10	18	20
	Tidak suka	1	1	3	1	4	3	0
	Total	94	82	77	88	78	84	92
	Total score dibagi jumlah responden	3.133	2.733	2.567	2.9333	2.6	2.8	3.067

2.3 Parameter Tekstur

Parameter	Skala penerimaan	Skor	Hasil uji sensoris						
			0%	K2%	K4%	K6%	TK2%	TK4%	TK6%
Tekstur	Sangat Suka sekali	5	3	1	0	1	3	1	1
	Sangat Suka	4	11	4	6	5	2	3	2
	suka	3	11	12	10	11	13	13	12
	Cukup suka	2	3	11	9	12	9	7	14
	Tidak suka	1	2	2	5	1	3	6	1
	Total		30	30	30	30	30	30	30

Parameter	Skala penerimaan	Jumlah hasil uji dari responden x Skor						
		0%	K2%	K4%	K6%	TK2%	TK4%	TK6%
Tekstur	Sangat Suka sekali	15	5	0	5	15	5	5
	Sangat Suka	44	16	24	20	8	12	8
	suka	33	36	30	33	39	39	36
	Cukup suka	6	22	18	24	18	14	28
	Tidak suka	2	2	5	1	3	6	1
	Total	100	81	77	83	83	76	78
	Total score dibagi jumlah responden	3.333	2.7	2.567	2.7667	2.7667	2.5333	2.6

2.4 Parameter *Chalkyness*

Parameter	Skala penerimaan	Skor	Hasil uji sensoris						
			0%	K2%	K4%	K6%	TK2%	TK4%	TK6%
Chalkyness	Sangat Suka sekali	5	10	4	2	4	2	3	3
	Sangat Suka	4	2	5	5	2	2	4	4
	suka	3	8	8	8	7	12	7	7
	Cukup suka	2	5	10	9	11	10	9	12
	Tidak suka	1	5	3	6	6	4	7	4
	Total		30	30	30	30	30	30	30

Parameter	Skala penerimaan	Jumlah hasil uji dari responden x Skor						
		0%	K2%	K4%	K6%	TK2%	TK4%	TK6%
Chalkyness	Sangat Suka sekali	50	20	10	20	10	15	15
	Sangat Suka	8	20	20	8	8	16	16
	suka	24	24	24	21	36	21	21
	Cukup suka	10	20	18	22	20	18	24
	Tidak suka	5	3	6	6	4	7	4
	Total	97	87	78	77	78	77	80
	Total score dibagi jumlah responden	3.233	2.9	2.6	2.5667	2.6	2.5667	2.667

2.5 Parameter Rasa

Parameter	Skala penerimaan	Skor	Hasil uji sensoris						
			0%	K2%	K4%	K6%	TK2%	TK4%	TK6%
Rasa	Sangat Suka sekali	5	3	0	1	2	2	1	0
	Sangat Suka	4	13	7	1	5	5	3	1
	suka	3	6	14	13	8	12	14	14
	Cukup suka	2	6	6	13	12	7	9	11
	Tidak suka	1	2	3	2	3	4	3	4
	Total		30	30	30	30	30	30	30

Parameter	Skala penerimaan	Jumlah hasil uji dari responden x Skor						
		0%	K2%	K4%	K6%	TK2%	TK4%	TK6%
Rasa	Sangat Suka sekali	15	0	5	10	10	5	0
	Sangat Suka	52	28	4	20	20	12	4
	suka	18	42	39	24	36	42	42
	Cukup suka	12	12	26	24	14	18	22
	Tidak suka	2	3	2	3	4	3	4
	Total	99	85	76	81	84	80	72
	Total score dibagi jumlah responden	3.3	2.833	2.533	2.7	2.8	2.6667	2.4

Lampiran 3. Analisa Data

Tests of Normality

		Kolmogorov-Smirnov[a]			Shapiro-Wilk		
	PERLAKUA	Statistic	df	Sig.	Statistic	df	Sig.
AIR	0%	,176	6	,200*	,939	6	,604
	k2%	,311	6	,072	,783	6	,047
	k4%	,227	6	,200*	,877	6	,302
	k6%	,265	6	,200*	,826	6	,101
	tk2%	,196	6	,200*	,955	6	,742
	tk4%	,258	6	,200*	,826	6	,099
	tk6%	,316	6	,061	,813	6	,083
LEMAK	0%	,192	6	,200*	,973	6	,892
	k2%	,122	6	,200*	,989	6	,989
	k4%	,192	6	,200*	,890	6	,353
	k6%	,284	6	,142	,862	6	,241
	tk2%	,246	6	,200*	,819	6	,090
	tk4%	,213	6	,200*	,871	6	,277
	tk6%	,220	6	,200*	,911	6	,438
SERAT	0%	,199	6	,200*	,878	6	,306
	k2%	,211	6	,200*	,883	6	,326
	k4%	,246	6	,200*	,887	6	,342
	k6%	,156	6	,200*	,985	6	,975
	tk2%	,311	6	,072	,829	6	,113
	tk4%	,170	6	,200*	,958	6	,763
	tk6%	,230	6	,200*	,899	6	,390
ABU	0%	,207	6	,200*	,962	6	,796
	k2%	,276	6	,171	,850	6	,194
	k4%	,207	6	,200*	,918	6	,465
	k6%	,307	6	,081	,835	6	,135
	tk2%	,212	6	,200*	,888	6	,346
	tk4%	,257	6	,200*	,884	6	,331
	tk6%	,170	6	,200*	,942	6	,630

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

a. Lilliefors Significance Correction

Test of Homogeneity of Variance

		Levene Statistic	df1	df2	Sig.
AIR	Based on Mean	1,835	6	35	,121
	Based on Median	1,075	6	35	,396
	Based on Median and with adjusted df	1,075	6	10,565	,435
	Based on trimmed mean	1,552	6	35	,190
LEMAK	Based on Mean	1,098	6	35	,383
	Based on Median	,460	6	35	,833
	Based on Median and with adjusted df	,460	6	25,847	,831
	Based on trimmed mean	,987	6	35	,449
SERAT	Based on Mean	4,858	6	35	,001
	Based on Median	2,567	6	35	,036
	Based on Median and with adjusted df	2,567	6	8,071	,108
	Based on trimmed mean	4,394	6	35	,002
ABU	Based on Mean	,933	6	35	,484
	Based on Median	,439	6	35	,847
	Based on Median and with adjusted df	,439	6	17,784	,843
	Based on trimmed mean	,824	6	35	,559

Descriptives

		N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
						Lower Bound	Upper Bound		
AIR	0%	6	62,6105	,5824	,2378	61,9993	63,2217	61,81	63,29
	k2%	6	63,0631	2,2095	,9020	60,7444	65,3818	58,77	64,80
	k4%	6	62,9423	,8565	,3497	62,0435	63,8412	61,38	63,76
	k6%	6	61,5139	,4430	,1809	61,0490	61,9788	60,99	61,98
	tk2%	6	62,4021	,4676	,1909	61,9114	62,8929	61,72	63,00
	tk4%	6	62,3713	1,2793	,5223	61,0287	63,7139	59,96	63,41
	tk6%	6	62,1857	,6573	,2683	61,4960	62,8755	61,11	62,73
	Total	42	62,4413	1,1238	,1734	62,0911	62,7915	58,77	64,80
LEMAK	0%	6	9,6687	,5384	,2198	9,1037	10,2336	8,81	10,34
	k2%	6	7,6240	,6148	,2510	6,9788	8,2691	6,80	8,52
	k4%	6	7,8733	,4610	,1882	7,3895	8,3571	7,17	8,32
	k6%	6	7,8945	,7031	,2870	7,1566	8,6324	6,73	8,53
	tk2%	6	7,8029	,9401	,3838	6,8163	8,7895	6,92	9,06
	tk4%	6	8,0912	,8420	,3438	7,2076	8,9749	6,59	8,83
	tk6%	6	8,5086	,5404	,2206	7,9414	9,0757	7,61	9,05
	Total	42	8,2090	,9109	,1405	7,9252	8,4929	6,59	10,34
SERAT	0%	6	1,2999	,4254	,1737	,8534	1,7463	,57	1,68
	k2%	6	2,9539	7,396E-02	3,019E-02	2,8763	3,0316	2,86	3,04
	k4%	6	3,0500	6,036E-02	2,464E-02	2,9867	3,1134	2,96	3,11
	k6%	6	3,5247	,2307	9,419E-02	3,2825	3,7668	3,22	3,88
	tk2%	6	2,3557	,5782	,2361	1,7489	2,9625	1,85	3,25
	tk4%	6	3,0452	,4757	,1942	2,5460	3,5445	2,42	3,68
	tk6%	6	5,2481	1,3488	,5506	3,8326	6,6636	3,78	7,69
	Total	42	3,0682	1,2569	,1939	2,6765	3,4599	,57	7,69
ABU	0%	6	,7177	2,967E-02	1,211E-02	,6865	,7488	,67	,75
	k2%	6	,8878	5,369E-02	2,192E-02	,8315	,9441	,84	,99
	k4%	6	,9186	2,007E-02	8,192E-03	,8976	,9397	,89	,94
	k6%	6	,9408	3,355E-02	1,370E-02	,9056	,9761	,91	1,00
	tk2%	6	,9668	3,369E-02	1,375E-02	,9314	1,0021	,93	1,03
	tk4%	6	,9884	2,012E-02	8,213E-03	,9673	1,0095	,97	1,02
	tk6%	6	1,0034	3,763E-02	1,536E-02	,9639	1,0429	,95	1,05
	Total	42	,9176	9,607E-02	1,482E-02	,8877	,9476	,67	1,05

Post Hoc Tests

Homogeneous Subsets

AIR

Duncan[a]

PERLAKUA	N	Subset for alpha = .05	
		1	2
k6%	6	61,5139	
tk6%	6	62,1857	62,1857
tk4%	6	62,3713	62,3713
tk2%	6	62,4021	62,4021
0%	6	62,6105	62,6105
k4%	6	62,9423	62,9423
k2%	6		63,0631
Sig.		,053	,234

Means for groups in homogeneous subsets are displayed.

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

LEMAK

Duncan[a]

PERLAKUA	N	Subset for alpha = .05	
		1	2
k2%	6	7,6240	
tk2%	6	7,8029	
k4%	6	7,8733	
k6%	6	7,8945	
tk4%	6	8,0912	
tk6%	6	8,5086	
0%	6		9,6687
Sig.		,054	1,000

Means for groups in homogeneous subsets are displayed.

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

SERAT

Duncan[a]

PERLAKUA	N	Subset for alpha = .05			
		1	2	3	4
0%	6	1,2999			
tk2%	6		2,3557		
k2%	6		2,9539	2,9539	
tk4%	6		3,0452	3,0452	
k4%	6		3,0500	3,0500	
k6%	6			3,5247	
tk6%	6				5,2481
Sig.		1,000	,080	,149	1,000

Means for groups in homogeneous subsets are displayed.

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

ABU

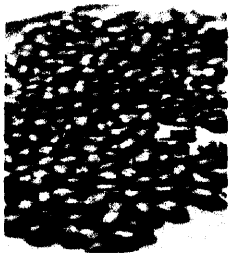
Duncan[a]

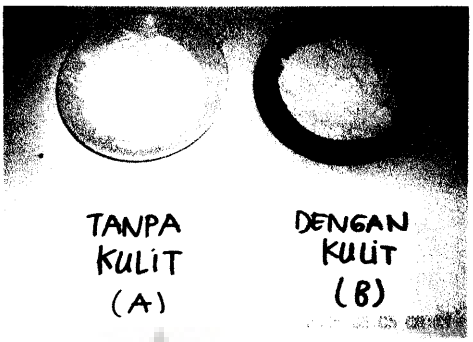
PERLAKUA	N	Subset for alpha = .05				
		1	2	3	4	5
0%	6	,7177				
k2%	6		,8878			
k4%	6		,9186	,9186		
k6%	6			,9408	,9408	
tk2%	6				,9668	,9668
tk4%	6					,9884
tk6%	6					1,0034
Sig.		1,000	,129	,270	,199	,088

Means for groups in homogeneous subsets are displayed.

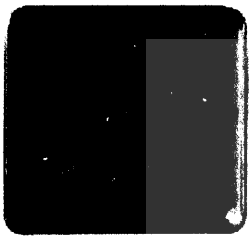
a. Uses Harmonic Mean Sample Size = 6,000.

Lampiran 4. Dokumentasi



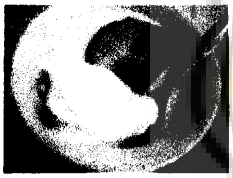


Tepung Kacang Merah



Kacang Merah Segar

Adonan Es Krim



Es Krim Kontrol

Es Krim Kacang Merah