

7. LAMPIRAN

Lampiran 1. Hasil Analisa Karakteristik Fisik *Mayonnaise* pada Berbagai Suhu Pasteurisasi

		Descriptives							
		N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
						Lower Bound	Upper Bound		
Stabilitas_Emulsi	Mayonaise 57 hari ke 0	6	97,797500	2,3968585	,9785134	95,282151	100,312849	94,2700	99,7270
	Mayonaise 57 hari ke 5	6	97,771667	2,6757340	1,0923638	94,963656	100,579677	94,0230	99,8300
	Mayonaise 57 hari ke 10	6	95,242333	2,4583075	1,0035998	92,662498	97,822169	92,1490	97,7840
	Mayonaise 57 hari ke 15	6	94,081667	1,2302500	,5022475	92,790598	95,372735	92,4030	95,6270
	Mayonaise 57 hari ke 20	6	92,372167	,8866649	,3619794	91,441669	93,302664	91,1730	93,6520
	Mayonaise 57 hari ke 25	6	91,624000	1,1452912	,4675632	90,422091	92,825909	90,0420	93,3190
	Mayonaise 57 hari ke 30	6	90,334500	1,4760725	,6026041	88,785457	91,883543	87,9220	92,4480
	Mayonaise 60 hari ke 0	6	99,714667	,1128586	,0460743	99,596229	99,833105	99,5570	99,8390
	Mayonaise 60 hari ke 5	6	97,074000	1,7710701	,7230363	95,215376	98,932624	94,5320	99,3520
	Mayonaise 60 hari ke 10	6	96,421667	,7908893	,3228792	95,591679	97,251654	95,2770	97,4840
	Mayonaise 60 hari ke 15	6	95,297833	,8400420	,3429457	94,416263	96,179403	94,2890	96,2920
	Mayonaise 60 hari ke 20	6	94,424667	,4977621	,2032105	93,902297	94,947036	93,8460	95,1000
	Mayonaise 60 hari ke 25	6	91,445333	1,4149691	,5776587	89,960414	92,930252	90,1900	94,0540
	Mayonaise 60 hari ke 30	6	90,330167	1,3543431	,5529083	88,908871	91,751463	88,5430	92,1110
	Mayonaise 10 hari ke 0	6	99,566500	,0481612	,0196617	99,515958	99,617042	99,5290	99,6280
	Mayonaise 10 hari ke 5	6	95,577333	2,4042055	,9815128	93,054274	98,100392	92,1110	98,7150
	Mayonaise 10 hari ke 10	6	94,713500	,9236269	,3770691	93,744213	95,682787	93,3890	95,6640
	Mayonaise 10 hari ke 15	6	93,697667	,4473556	,1826322	93,228196	94,167138	92,9950	94,3930
	Mayonaise 10 hari ke 20	6	91,539833	,9992458	,4079404	90,491189	92,588477	90,5730	93,0500
	Mayonaise 10 hari ke 25	6	91,318667	,7546238	,3080739	90,526738	92,110596	90,4070	92,2330
Mayonaise 10 hari ke 30	6	89,918000	,9060733	,3699029	88,967134	90,868866	88,3430	90,9960	
Total		126	94,298270	3,2445005	,2890431	93,726218	94,870322	87,9220	99,8390
pH	Mayonaise 57 hari ke 0	6	4,750000	,0209762	,0085635	4,727987	4,772013	4,7200	4,7700
	Mayonaise 57 hari ke 5	6	4,751667	,0773089	,0315612	4,670536	4,832797	4,6000	4,8200
	Mayonaise 57 hari ke 10	6	4,728333	,0147196	,0060093	4,712886	4,743781	4,7100	4,7500
	Mayonaise 57 hari ke 15	6	4,763333	,0175119	,0071492	4,744956	4,781711	4,7500	4,7900
	Mayonaise 57 hari ke 20	6	4,741667	,0213698	,0087242	4,719240	4,764093	4,7100	4,7600
	Mayonaise 57 hari ke 25	6	4,788333	,0213698	,0087242	4,765907	4,810760	4,7600	4,8100
	Mayonaise 57 hari ke 30	6	4,758333	,0306050	,0124944	4,726215	4,790451	4,7100	4,8000
	Mayonaise 60 hari ke 0	6	4,728333	,0172240	,0070317	4,710258	4,746409	4,7000	4,7500
	Mayonaise 60 hari ke 5	6	4,775000	,0207364	,0084656	4,753238	4,796762	4,7400	4,8000
	Mayonaise 60 hari ke 10	6	4,768333	,0318852	,0130171	4,734872	4,801795	4,7300	4,8000
	Mayonaise 60 hari ke 15	6	4,786667	,0150555	,0061464	4,770867	4,802466	4,7700	4,8000
	Mayonaise 60 hari ke 20	6	4,765000	,0137840	,0056273	4,750535	4,779465	4,7500	4,7800
	Mayonaise 60 hari ke 25	6	4,771667	,0194079	,0079232	4,751299	4,792034	4,7400	4,7900
	Mayonaise 60 hari ke 30	6	4,776667	,0121106	,0049441	4,763957	4,789376	4,7600	4,7900
	Mayonaise 10 hari ke 0	6	4,726667	,0163299	,0066667	4,709529	4,743804	4,7000	4,7500
	Mayonaise 10 hari ke 5	6	4,778333	,0183485	,0074907	4,759078	4,797589	4,7600	4,8000
	Mayonaise 10 hari ke 10	6	4,733333	,0206559	,0084327	4,711656	4,755010	4,7100	4,7700
	Mayonaise 10 hari ke 15	6	4,756667	,0338625	,0138243	4,721130	4,792203	4,7200	4,8000
	Mayonaise 10 hari ke 20	6	4,755000	,0137840	,0056273	4,740535	4,769465	4,7400	4,7800
	Mayonaise 10 hari ke 25	6	4,781667	,0160208	,0065405	4,764854	4,798479	4,7600	4,8000
Mayonaise 10 hari ke 30	6	4,745000	,0288097	,0117615	4,714766	4,775234	4,7200	4,7900	
Total		126	4,758571	,0310281	,0027642	4,753101	4,764042	4,6000	4,8200

Test of Homogeneity of Variances

	Levene Statistic	df 1	df 2	Sig.
Stabilitas_Emulsi	5,088	20	105	,000
pH	2,141	20	105	,007

ANOVA

		Sum of Squares	df	Mean Square	F	Sig.
Stabilitas_Emulsi	Between Groups	1103,211	20	55,161	27,238	,000
	Within Groups	212,637	105	2,025		
	Total	1315,848	125			
pH	Between Groups	,046	20	,002	3,215	,000
	Within Groups	,075	105	,001		
	Total	,120	125			

Stabilitas_Emulsi

Duncan^a

Perlakuan_Hari	N	Subset for alpha = .05								
		1	2	3	4	5	6	7	8	9
Mayonaise 10 hari ke 30	6	89,918000								
Mayonaise 60 hari ke 30	6	90,330167								
Mayonaise 57 hari ke 30	6	90,334500								
Mayonaise 10 hari ke 25	6	91,318667	91,318667							
Mayonaise 60 hari ke 25	6	91,445333	91,445333							
Mayonaise 10 hari ke 20	6	91,539833	91,539833							
Mayonaise 57 hari ke 25	6	91,624000	91,624000							
Mayonaise 57 hari ke 20	6		92,372167	92,372167						
Mayonaise 10 hari ke 15	6			93,697667	93,697667					
Mayonaise 57 hari ke 15	6			94,081667	94,081667	94,081667				
Mayonaise 60 hari ke 20	6			94,424667	94,424667	94,424667				
Mayonaise 10 hari ke 10	6			94,713500	94,713500	94,713500	94,713500			
Mayonaise 57 hari ke 10	6			95,242333	95,242333	95,242333	95,242333			
Mayonaise 60 hari ke 15	6			95,297833	95,297833	95,297833	95,297833			
Mayonaise 10 hari ke 5	6				95,577333	95,577333	95,577333	95,577333		
Mayonaise 60 hari ke 10	6					96,421667	96,421667	96,421667	96,421667	
Mayonaise 60 hari ke 5	6						97,074000	97,074000	97,074000	
Mayonaise 57 hari ke 5	6							97,771667	97,771667	
Mayonaise 57 hari ke 0	6								97,797500	
Mayonaise 10 hari ke 0	6									99,566500
Mayonaise 60 hari ke 0	6									99,714667
Sig.		,075	,262	,051	,091	,115	,065	,088	,130	,857

Means for groups in homogeneous subsets are displayed.

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

pH
Duncan

Perlakuan_Hari	N	Subset for alpha = .05						
		1	2	3	4	5	6	7
Mayonaise 10 hari ke 0	6	4,726667						
Mayonaise 57 hari ke 10	6	4,728333	4,728333					
Mayonaise 60 hari ke 0	6	4,728333	4,728333					
Mayonaise 10 hari ke 10	6	4,733333	4,733333	4,733333				
Mayonaise 57 hari ke 20	6	4,741667	4,741667	4,741667	4,741667			
Mayonaise 10 hari ke 30	6	4,745000	4,745000	4,745000	4,745000	4,745000		
Mayonaise 57 hari ke 0	6	4,750000	4,750000	4,750000	4,750000	4,750000	4,750000	
Mayonaise 57 hari ke 5	6	4,751667	4,751667	4,751667	4,751667	4,751667	4,751667	4,751667
Mayonaise 10 hari ke 20	6	4,755000	4,755000	4,755000	4,755000	4,755000	4,755000	4,755000
Mayonaise 10 hari ke 15	6	4,756667	4,756667	4,756667	4,756667	4,756667	4,756667	4,756667
Mayonaise 57 hari ke 30	6	4,758333	4,758333	4,758333	4,758333	4,758333	4,758333	4,758333
Mayonaise 57 hari ke 15	6		4,763333	4,763333	4,763333	4,763333	4,763333	4,763333
Mayonaise 60 hari ke 20	6			4,765000	4,765000	4,765000	4,765000	4,765000
Mayonaise 60 hari ke 10	6			4,768333	4,768333	4,768333	4,768333	4,768333
Mayonaise 60 hari ke 25	6				4,771667	4,771667	4,771667	4,771667
Mayonaise 60 hari ke 5	6				4,775000	4,775000	4,775000	4,775000
Mayonaise 60 hari ke 30	6				4,776667	4,776667	4,776667	4,776667
Mayonaise 10 hari ke 5	6				4,778333	4,778333	4,778333	4,778333
Mayonaise 10 hari ke 25	6					4,781667	4,781667	4,781667
Mayonaise 60 hari ke 15	6						4,786667	4,786667
Mayonaise 57 hari ke 25	6							4,788333
Sig.		,090	,060	,060	,052	,052	,052	,052

Means for groups in homogeneous subsets are displayed.

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

Descriptives

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum	
					Lower Bound	Upper Bound			
Stabilitas_Emulsi	hari ke 0	18	99,026222	1,5802759	,3724746	98,240370	99,812075	94,2700	99,8390
	Hari ke 5	18	96,807667	2,3697347	,5585518	95,629225	97,986108	92,1110	99,8300
	Hari ke 10	18	95,459167	1,6589506	,3910184	94,634190	96,284143	92,1490	97,7840
	Hari ke 15	18	94,359056	1,0973408	,2586457	93,813361	94,904750	92,4030	96,2920
	Hari ke 20	18	92,778889	1,4676465	,3459276	92,049045	93,508732	90,5730	95,1000
	Hari ke 25	18	91,462667	1,0764545	,2537228	90,927358	91,997975	90,0420	94,0540
	Hari ke 30	18	90,194222	1,2091992	,2850110	89,592902	90,795543	87,9220	92,4480
	Total	126	94,298270	3,2445005	,2890431	93,726218	94,870322	87,9220	99,8390
pH	hari ke 0	18	4,735000	,0203643	,0047999	4,724873	4,745127	4,7000	4,7700
	Hari ke 5	18	4,768333	,0461774	,0108841	4,745370	4,791297	4,6000	4,8200
	Hari ke 10	18	4,743333	,0286972	,0067640	4,729063	4,757604	4,7100	4,8000
	Hari ke 15	18	4,768889	,0258705	,0060977	4,756024	4,781754	4,7200	4,8000
	Hari ke 20	18	4,753889	,0185151	,0043641	4,744682	4,763096	4,7100	4,7800
	Hari ke 25	18	4,780556	,0192422	,0045354	4,770987	4,790124	4,7400	4,8100
	Hari ke 30	18	4,760000	,0272246	,0064169	4,746462	4,773538	4,7100	4,8000
	Total	126	4,758571	,0310281	,0027642	4,753101	4,764042	4,6000	4,8200

Test of Homogeneity of Variances

	Levene Statistic	df 1	df 2	Sig.
Stabilitas_Emulsi	3,723	6	119	,002
pH	,939	6	119	,470

ANOVA

		Sum of Squares	df	Mean Square	F	Sig.
Stabilitas_Emulsi	Between Groups	1029,498	6	171,583	71,306	,000
	Within Groups	286,350	119	2,406		
	Total	1315,848	125			
pH	Between Groups	,027	6	,004	5,721	,000
	Within Groups	,093	119	,001		
	Total	,120	125			

Stabilitas_Emulsi

Duncan^a

Hari	N	Subset f or alpha = .05						
		1	2	3	4	5	6	7
Hari ke 30	18	90,194222						
Hari ke 25	18		91,462667					
Hari ke 20	18			92,778889				
Hari ke 15	18				94,359056			
Hari ke 10	18					95,459167		
Hari ke 5	18						96,807667	
hari ke 0	18							99,026222
Sig.		1,000	1,000	1,000	1,000	1,000	1,000	1,000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 18,000.

pH

Duncan^a

Hari	N	Subset f or alpha = .05			
		1	2	3	4
hari ke 0	18	4,735000			
Hari ke 10	18	4,743333	4,743333		
Hari ke 20	18	4,753889	4,753889	4,753889	
Hari ke 30	18		4,760000	4,760000	
Hari ke 5	18			4,768333	4,768333
Hari ke 15	18			4,768889	4,768889
Hari ke 25	18				4,780556
Sig.		,057	,094	,147	,221

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 18,000.

Descriptives

		N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
						Lower Bound	Upper Bound		
						Stabilitas_Emulsi	Mayonaise 57		
	Mayonaise 60	42	94,958333	3,2128981	,4957609	93,957124	95,959543	88,5430	99,8390
	Mayonaise 10	42	93,761643	3,2294815	,4983198	92,755266	94,768020	88,3430	99,6280
	Total	126	94,298270	3,2445005	,2890431	93,726218	94,870322	87,9220	99,8390
pH	Mayonaise 57	42	4,754524	,0371682	,0057352	4,742941	4,766106	4,6000	4,8200
	Mayonaise 60	42	4,767381	,0250910	,0038716	4,759562	4,775200	4,7000	4,8000
	Mayonaise 10	42	4,753810	,0283663	,0043770	4,744970	4,762649	4,7000	4,8000
	Total	126	4,758571	,0310281	,0027642	4,753101	4,764042	4,6000	4,8200

Test of Homogeneity of Variances

	Levene Statistic	df 1	df 2	Sig.
Stabilitas_Emulsi	,055	2	123	,946
pH	1,029	2	123	,360

ANOVA

		Sum of Squares	df	Mean Square	F	Sig.
Stabilitas_Emulsi	Between Groups	31,033	2	15,517	1,485	,230
	Within Groups	1284,815	123	10,446		
	Total	1315,848	125			
pH	Between Groups	,005	2	,002	2,610	,078
	Within Groups	,115	123	,001		
	Total	,120	125			

Stabilitas_Emulsi

Duncan^a

Perlakuan	N	Subset for alpha = .05
Mayonaise 10	42	93,761643
Mayonaise 57	42	94,174833
Mayonaise 60	42	94,958333
Sig.		,111

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 42,000.

Lampiran 2. SNI 01-4473-1998 Mayones