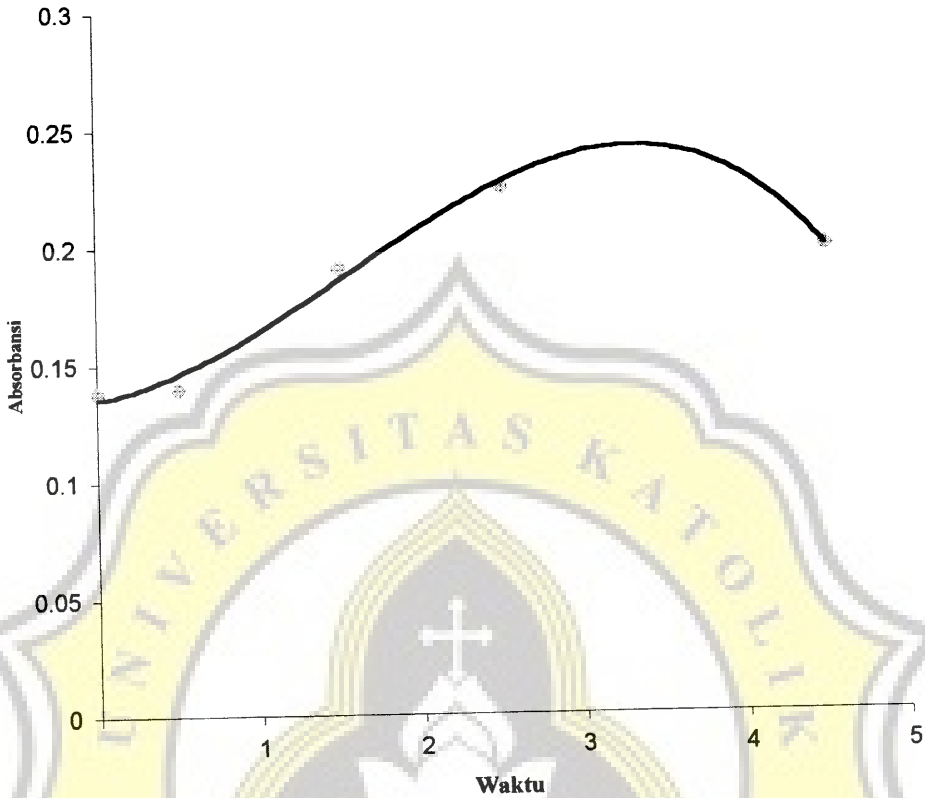
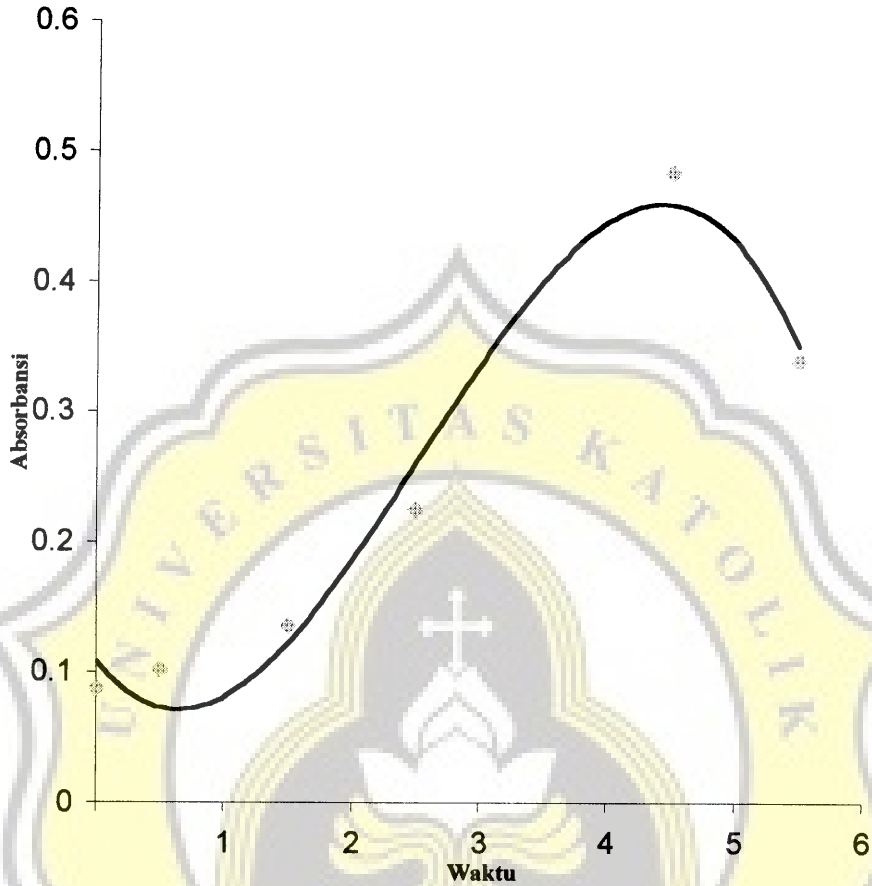
Lampiran 1. Kurva Tumbuh Bakteri *Streptococcus salivarius* subsp. *thermophilus*



$Y = -0{,}0048x^3 + 0{,}0223x^2 + 0{,}0111x + 0{,}1353 \quad R^2 = 0{,}9876$

Lampiran 2. Kurva Tumbuh Bakteri *Lactobacillus delbrueckii* subps. *bulgaricus*



$Y = -0{,}0143x^3 + 0{,}01086x^2 + 0{,}1217x + 0{,}109 \quad R^2 = 0{,}9728$

Lampiran 3. Tabulasi Data Rata-rata Diameter zona jernih (mm)

Bakteri *S. aureus*

Hari ke-	1:1	1:2	2:1	kontrol
0	5.8	5.8	4.8	6.3
3	2.8	4.8	1.8	6.3
6	2.8	2.3	1.3	6.3
9	1.3	1.3	1.3	6.3
12	0.3	0.8	0.7	6.3
15	0.8	0.7	0	6.3
18	0	0.7	0	6.3
21	0	0	0	6.3
24	0	0	0	6.3
27	0	0	0	6.3
30	0	0	0	6.3

Bakteri *B. subtilis*

Hari ke-	1:1	1:2	2:1	kontrol
0	4.3	5.3	3.3	5.8
3	2.8	3.3	2.3	5.8
6	1.8	3.3	2.3	5.8
9	1.3	1.3	1.8	5.8
12	0.8	0.3	1.3	5.8
15	0.7	0.3	1.3	5.8
18	0	0.3	0.7	5.8
21	0	0	0	5.8
24	0	0	0	5.8
27	0	0	0	5.8
30	0	0	0	5.8

Bakteri *E. coli*

Hari ke-	1:1	1:2	2:1	kontrol
0	5.8	3.8	3.3	6.8
3	4.8	3.3	1.8	6.8
6	3.3	2.3	2.3	6.8
9	2.3	1.8	1.3	6.8
12	2.3	1.3	1.3	6.8
15	1.3	0.8	0.7	6.8
18	0.7	0.8	0.7	6.8
21	0	0	0	6.8
24	0	0	0	6.8
27	0	0	0	6.8
30	0	0	0	6.8

Lampiran 4. Tabulasi Data Rata-rata pH Selama Penyimpanan

Hari ke-	1:1	2:1	1:2	kontrol
0	3.33	3.32	3.51	4.77
3	4.82	4.71	4.86	4.77
6	5.49	5.45	5.36	4.77
9	5.39	5.32	5.52	4.77
12	5.17	5.16	5.36	4.77
15	5.47	5.28	5.15	4.77
18	5.4	5.22	5.31	4.77
21	5.40	5.24	5.22	4.77
24	5.30	5.36	5.30	4.77
27	5.29	5.30	5.28	4.77
30	5.29	5.30	5.28	4.77

Lampiran 5. Tabulasi Data Rata-rata Total Asam Laktat (%) Selama Masa Penyimpanan

Hari ke-	1 : 1	2 : 1	1 : 2	kontrol
0	0.51	0.51	0.51	0.61
3	0.49	0.52	0.54	0.61
6	0.48	0.51	0.5	0.61
9	0.45	0.45	0.5	0.61
12	0.4	0.42	0.45	0.61
15	0.38	0.48	0.47	0.61
18	0.36	0.49	0.43	0.61
21	0.43	0.5	0.43	0.61
24	0.46	0.45	0.45	0.61
27	0.45	0.45	0.45	0.61
30	0.45	0.45	0.45	0.61

Lampiran 6. Hasil Analisa Korelasi Diameter zona jernih, pH dan Total Asam Laktat Selama Penyimpan

Bakteri Asam Laktat 1:1 Terhadap *Bacillus subtilis*

		HARI	DZJ	PH	TAT
HARI	Pearson Correlation	1.000	-.777**	.550**	-.391
	Sig. (2-tailed)	.	.000	.008	.072
	N	22	22	22	22
DZJ	Pearson Correlation	-.777**	1.000	-.818**	.628**
	Sig. (2-tailed)	.000	.	.000	.002
	N	22	22	22	22
PH	Pearson Correlation	.550**	-.818**	1.000	-.569**
	Sig. (2-tailed)	.008	.000	.	.006
	N	22	22	22	22
TAT	Pearson Correlation	-.391	.628**	-.569**	1.000
	Sig. (2-tailed)	.072	.002	.006	.
	N	22	22	22	22

** Correlation is significant at the 0,01 (2-tailed)

Bakteri Asam Laktat 1:2 Terhadap *Bacillus subtilis*

		HARI	DZJ	PH	TAT
HARI	Pearson Correlation	1.000	-.825**	.522**	-.808**
	Sig. (2-tailed)	.	.000	.013	.000
	N	22	22	22	22
DZJ	Pearson Correlation	-.825**	1.000	-.794**	.779**
	Sig. (2-tailed)	.000	.	.000	.000
	N	22	22	22	22
PH	Pearson Correlation	.522**	-.794**	1.000	-.414
	Sig. (2-tailed)	.013	.000	.	.055
	N	22	22	22	22
TAT	Pearson Correlation	-.808**	.779**	-.414	1.000
	Sig. (2-tailed)	.000	.000	.055	.
	N	22	22	22	22

** Correlation is significant at the 0,01 (2-tailed)
* Correlation is significant at the 0,05 (2-tailed)

Bakteri Asam Laktat 2:1 Terhadap *Bacillus subtilis*

		HARI	DZJ	PH	TAT
HARI	Pearson Correlation	1.000	-.887**	.590**	-.539**
	Sig. (2-tailed)	.	.000	.004	.010
	N	22	22	22	22
DZJ	Pearson Correlation	-.887**	1.000	-.614**	.451*
	Sig. (2-tailed)	.000	.	.002	.035
	N	22	22	22	22
PH	Pearson Correlation	.590**	-.614**	1.000	-.432**
	Sig. (2-tailed)	.004	.002	.	.045
	N	22	22	22	22
TAT	Pearson Correlation	-.539**	.451*	-.432*	1.000
	Sig. (2-tailed)	.010	.035	.045	.
	N	22	22	22	22

** Correlation is significant at the 0,01 (2-tailed)

Bakteri Asam Laktat 1:1 Terhadap *Staphyllococcus aureus*

		HARI	DZJ	PH	TAT
HARI	Pearson Correlation	1.000	-.815**	.550**	-.391
	Sig. (2-tailed)	.	.000	.008	.072
	N	22	22	22	22
DZJ	Pearson Correlation	-.815**	1.000	-.866**	.669**
	Sig. (2-tailed)	.000	.	.000	.001
	N	22	22	22	22
PH	Pearson Correlation	.550**	-.866**	1.000	-.569**
	Sig. (2-tailed)	.008	.000	.	.006
	N	22	22	22	22
TAT	Pearson Correlation	-.391	.669**	-.569**	1.000
	Sig. (2-tailed)	.072	.001	.006	.
	N	22	22	22	22

** Correlation is significant at the 0,01 (2-tailed)

Bakteri Asam Laktat 1:2 Terhadap *Staphyllococcus aureus*

		HARI	DZJ	PH	TAT
HARI	Pearson Correlation	1.000	-.876**	.522**	-.808**
	Sig. (2-tailed)	.	.000	.013	.000
	N	22	22	22	22
DZJ	Pearson Correlation	-.876**	1.000	-.684**	.801**
	Sig. (2-tailed)	.000	.	.000	.000
	N	22	22	22	22
PH	Pearson Correlation	.522*	-.684**	1.000	-.414
	Sig. (2-tailed)	.013	.000	.	.055
	N	22	22	22	22
TAT	Pearson Correlation	-.808**	.801**	-.414	1.000
	Sig. (2-tailed)	.000	.000	.055	.
	N	22	22	22	22

** Correlation is significant at the 0,01 (2-tailed)
* Correlation is significant at the 0,05 (2-tailed)

Bakteri Asam Laktat 2:1 Terhadap *Staphyllococcus aureus*

		HARI	DZJ	PH	TAT
HARI	Pearson Correlation	1.000	-.772**	.590**	-.539**
	Sig. (2-tailed)	.	.000	.004	.010
	N	22	22	22	22
DZJ	Pearson Correlation	-.772**	1.000	-.899**	.493*
	Sig. (2-tailed)	.000	.	.000	.020
	N	22	22	22	22
PH	Pearson Correlation	.590**	-.899**	1.000	-.432*
	Sig. (2-tailed)	.004	.000	.	.045
	N	22	22	22	22
TAT	Pearson Correlation	-.539**	.493*	-.432*	1.000
	Sig. (2-tailed)	.010	.020	.045	.
	N	22	22	22	22

** Correlation is significant at the 0,01 (2-tailed)
* Correlation is significant at the 0,05 (2-tailed)

Bakteri Asam Laktat 1:1 Terhadap *Escherichia coli*

		HARI	DZJ	PH	TAT
HARI	Pearson Correlation	1.000	-.896**	.550**	-.391
	Sig. (2-tailed)	.	.000	.008	.072
	N	22	22	22	22
DZJ	Pearson Correlation	-.896**	1.000	-.698**	.592**
	Sig. (2-tailed)	.000	.	.000	.004
	N	22	22	22	22
PH	Pearson Correlation	.550**	-.698**	1.000	-.569**
	Sig. (2-tailed)	.008	.000	.	.006
	N	22	22	22	22
TAT	Pearson Correlation	-.391	.592**	-.569**	1.000
	Sig. (2-tailed)	.072	.004	.006	.
	N	22	22	22	22

** Correlation is significant at the 0,01 (2-tailed)

Bakteri Asam Laktat 1: 2 Terhadap *Escherichia coli*

		HARI	DZJ	PH	TAT
HARI	Pearson Correlation	1.000	-.876**	.522**	-.808
	Sig. (2-tailed)	.	.000	.013	.000
	N	22	22	22	22
DZJ	Pearson Correlation	-.876**	1.000	-.684**	.801**
	Sig. (2-tailed)	.000	.	.000	.000
	N	22	22	22	22
PH	Pearson Correlation	.522*	-.684	1.000	-.414
	Sig. (2-tailed)	.013	.000	.	.055
	N	22	22	22	22
TAT	Pearson Correlation	-.808**	.801**	-.414	1.000
	Sig. (2-tailed)	.000	.000	.055	.
	N	22	22	22	22

** Correlation is significant at the 0,01 (2-tailed)

* Correlation is significant at the 0,05 (2-tailed)

Bakteri Asam Laktat 2:1 Terhadap *Escherichia coli*

		HARI	DZJ	PH	TAT
HARI	Pearson Correlation	1.000	-.871**	.590**	-.539**
	Sig. (2-tailed)	.	.000	.004	.010
	N	22	22	22	22
DZJ	Pearson Correlation	-.871	1.000	-.680**	.446*
	Sig. (2-tailed)	.000	.	.000	.037
	N	22	22	22	22
PH	Pearson Correlation	.590	-.680**	1.000	-.432*
	Sig. (2-tailed)	.004	.000	.	.045
	N	22	22	22	22
TAT	Pearson Correlation	-.539**	.446*	-.432*	1.000
	Sig. (2-tailed)	.010	.037	.045	.
	N	22	22	22	22

** Correlation is significant at the 0,01 (2-tailed)

* Correlation is significant at the 0,05 (2-tailed)