

Lampiran 1

PERNYATAAN KEASLIAN TULISAN

Saya yang bertanda tangan di bawah ini:

Nama : Norman Ardiansyah

NIM : 105070100111024

Fakultas Kedokteran Universitas Brawijaya

Menyatakan dengan sebenarnya bahwa Tugas Akhir yang saya tulis ini benar-benar hasil karya saya sendiri, bukan merupakan pengambil alihan tulisan atau pikiran orang lain yang saya akui sebagai tulisan atau pikiran saya sendiri.

Apabila dikemudian hari terbukti atau dapat dibuktikan Tugas Akhir ini hasil jiplakan, maka saya bersedia menerima sanksi atas perbuatan tersebut.

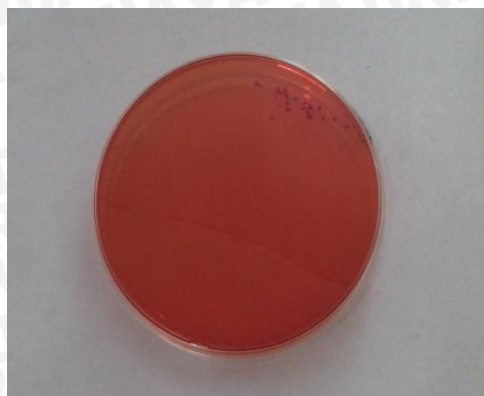
Malang , Oktober 2013

Yang Membuat Pernyataan,

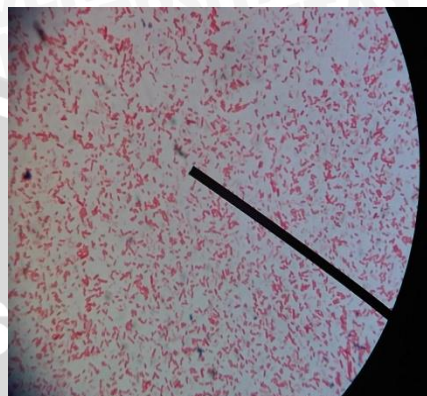
Norman Ardiansyah

105070100111024

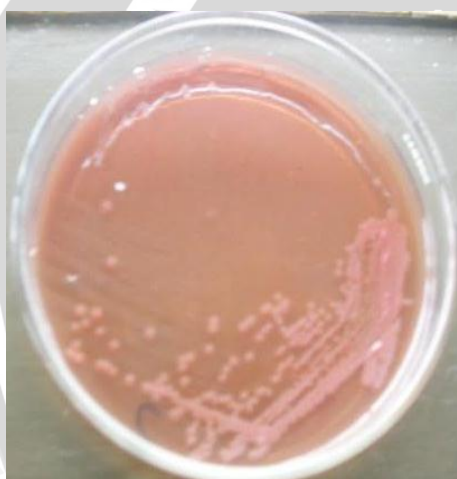
Lampiran 2 Foto Foto saat penelitian



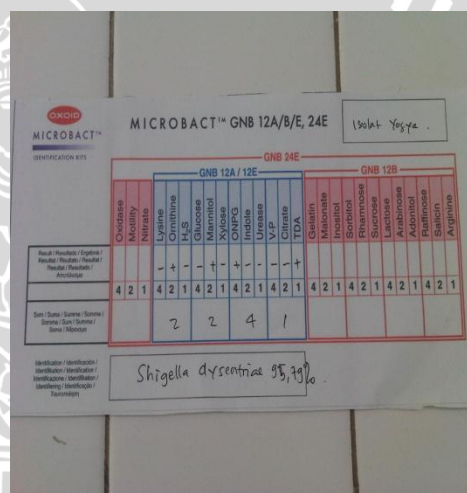
SSA



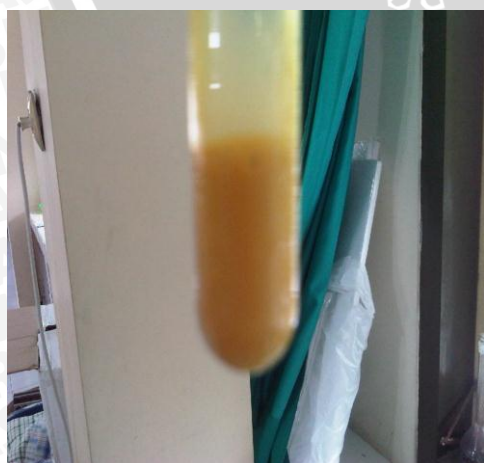
Pewarnaan Gram



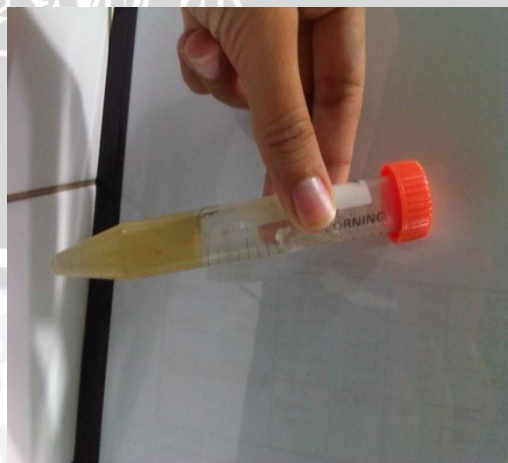
Mac Conkey Agar



Microbact



Ekstrak Keruh



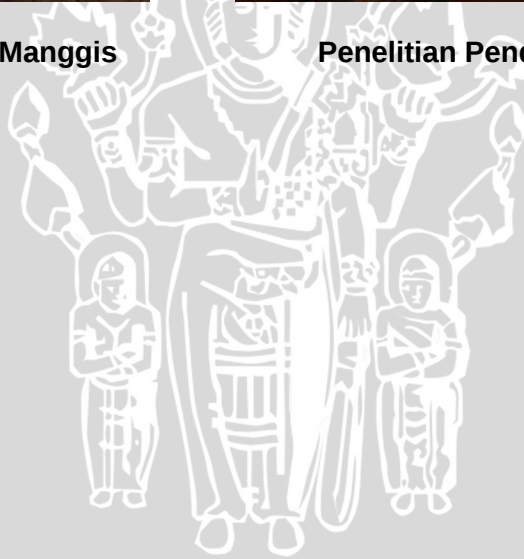
Suspensi Bakteri



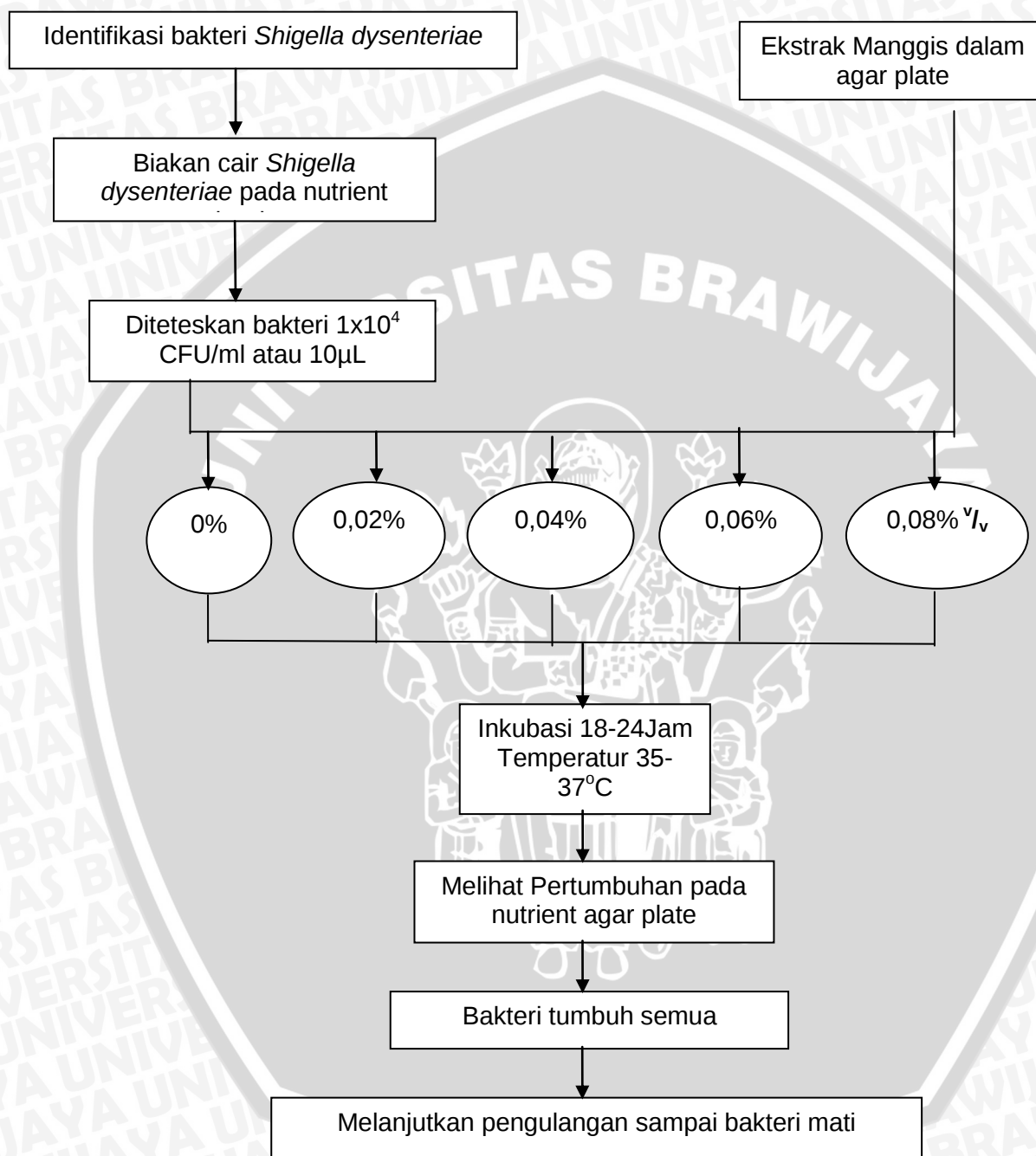
Ekstrak Kulit Buah Manggis



Penelitian Pendahuluan

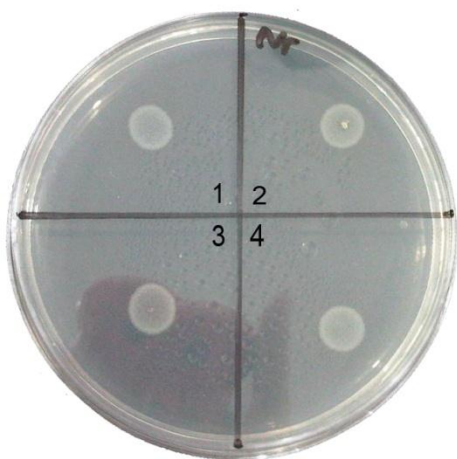


Lampiran 3



Alur penelitian pendahuluan

Lampiran 4



Kontrol



0,02 % v/v .



0,04% v/v .



0,06% v/v .



0,08% v/v .

Lampiran 5

NPar Tests Mann-Whitney Test

Ranks

	Konsentrasi	N	Mean Rank	Sum of Ranks
Pertumbuhan Koloni	Kontrol	4	6.50	26.00
	0.1	4	2.50	10.00
	Total	8		

Test Statistics^b

	Pertumbuhan Koloni
Mann-Whitney U	.000
Wilcoxon W	10.000
Z	-2.646
Asy mp. Sig. (2-tailed)	.008
Exact Sig. [2*(1-tailed Sig.)]	.029 ^a

a. Not corrected for ties.

b. Grouping Variable: Konsentrasi

NPar Tests Mann-Whitney Test

Ranks

	Konsentrasi	N	Mean Rank	Sum of Ranks
Pertumbuhan Koloni	Kontrol	4	6.50	26.00
	0.2	4	2.50	10.00
	Total	8		

Test Statistics^b

	Pertumbuhan Koloni
Mann-Whitney U	.000
Wilcoxon W	10.000
Z	-2.646
Asy mp. Sig. (2-tailed)	.008
Exact Sig. [2*(1-tailed Sig.)]	.029 ^a

a. Not corrected for ties.

b. Grouping Variable: Konsentrasi

NPar Tests Mann-Whitney Test

Ranks

	Konsentrasi	N	Mean Rank	Sum of Ranks
Pertumbuhan Koloni	Kontrol	4	6.50	26.00
	0.3	4	2.50	10.00
	Total	8		

Test Statistics^b

	Pertumbuhan Koloni
Mann-Whitney U	.000
Wilcoxon W	10.000
Z	-2.646
Asymp. Sig. (2-tailed)	.008
Exact Sig. [2*(1-tailed Sig.)]	.029 ^a

a. Not corrected for ties.

b. Grouping Variable: Konsentrasi

NPar Tests Mann-Whitney Test

Ranks

	Konsentrasi	N	Mean Rank	Sum of Ranks
Pertumbuhan Koloni	Kontrol	4	6.50	26.00
	0.4	4	2.50	10.00
	Total	8		

Test Statistics^b

	Pertumbuhan Koloni
Mann-Whitney U	.000
Wilcoxon W	10.000
Z	-2.646
Asymp. Sig. (2-tailed)	.008
Exact Sig. [2*(1-tailed Sig.)]	.029 ^a

a. Not corrected for ties.

b. Grouping Variable: Konsentrasi

NPar Tests Mann-Whitney Test

Ranks

	Konsentrasi	N	Mean Rank	Sum of Ranks
Pertumbuhan Koloni	Kontrol	4	6.50	26.00
	0.5	4	2.50	10.00
	Total	8		

Test Statistics^b

	Pertumbuhan Koloni
Mann-Whitney U	.000
Wilcoxon W	10.000
Z	-2.646
Asy mp. Sig. (2-tailed)	.008
Exact Sig. [2*(1-tailed Sig.)]	.029 ^a

a. Not corrected for ties.

b. Grouping Variable: Konsentrasi

NPar Tests Mann-Whitney Test

Ranks

	Konsentrasi	N	Mean Rank	Sum of Ranks
Pertumbuhan Koloni	0.1	4	4.50	18.00
	0.2	4	4.50	18.00
	Total	8		

Test Statistics^b

	Pertumbuhan Koloni
Mann-Whitney U	8.000
Wilcoxon W	18.000
Z	.000
Asy mp. Sig. (2-tailed)	1.000
Exact Sig. [2*(1-tailed Sig.)]	1.000 ^a

a. Not corrected for ties.

b. Grouping Variable: Konsentrasi

NPar Tests Mann-Whitney Test

Ranks

	Konsentrasi	N	Mean Rank	Sum of Ranks
Pertumbuhan Koloni	0.1	4	6.50	26.00
	0.3	4	2.50	10.00
	Total	8		

Test Statistics^b

	Pertumbuhan Koloni
Mann-Whitney U	.000
Wilcoxon W	10.000
Z	-2.646
Asy mp. Sig. (2-tailed)	.008
Exact Sig. [2*(1-tailed Sig.)]	.029 ^a

a. Not corrected for ties.

b. Grouping Variable: Konsentrasi

NPar Tests Mann-Whitney Test

Ranks

	Konsentrasi	N	Mean Rank	Sum of Ranks
Pertumbuhan Koloni	0.1	4	6.50	26.00
	0.4	4	2.50	10.00
	Total	8		

Test Statistics^b

	Pertumbuhan Koloni
Mann-Whitney U	.000
Wilcoxon W	10.000
Z	-2.646
Asy mp. Sig. (2-tailed)	.008
Exact Sig. [2*(1-tailed Sig.)]	.029 ^a

a. Not corrected for ties.

b. Grouping Variable: Konsentrasi

NPar Tests Mann-Whitney Test

Ranks

	Konsentrasi	N	Mean Rank	Sum of Ranks
Pertumbuhan Koloni	0.1	4	6.50	26.00
	0.5	4	2.50	10.00
	Total	8		

Test Statistics^b

	Pertumbuhan Koloni
Mann-Whitney U	.000
Wilcoxon W	10.000
Z	-2.646
Asymp. Sig. (2-tailed)	.008
Exact Sig. [2*(1-tailed Sig.)]	.029 ^a

a. Not corrected for ties.

b. Grouping Variable: Konsentrasi

NPar Tests Mann-Whitney Test

Ranks

	Konsentrasi	N	Mean Rank	Sum of Ranks
Pertumbuhan Koloni	0.2	4	6.50	26.00
	0.3	4	2.50	10.00
	Total	8		

Test Statistics^b

	Pertumbuhan Koloni
Mann-Whitney U	.000
Wilcoxon W	10.000
Z	-2.646
Asymp. Sig. (2-tailed)	.008
Exact Sig. [2*(1-tailed Sig.)]	.029 ^a

a. Not corrected for ties.

b. Grouping Variable: Konsentrasi

NPar Tests Mann-Whitney Test

Ranks

	Konsentrasi	N	Mean Rank	Sum of Ranks
Pertumbuhan Koloni	0.2	4	6.50	26.00
	0.4	4	2.50	10.00
	Total	8		

Test Statistics^b

	Pertumbuhan Koloni
Mann-Whitney U	.000
Wilcoxon W	10.000
Z	-2.646
Asymp. Sig. (2-tailed)	.008
Exact Sig. [2*(1-tailed Sig.)]	.029 ^a

a. Not corrected for ties.

b. Grouping Variable: Konsentrasi

NPar Tests Mann-Whitney Test

Ranks

	Konsentrasi	N	Mean Rank	Sum of Ranks
Pertumbuhan Koloni	0.2	4	6.50	26.00
	0.5	4	2.50	10.00
	Total	8		

Test Statistics^b

	Pertumbuhan Koloni
Mann-Whitney U	.000
Wilcoxon W	10.000
Z	-2.646
Asymp. Sig. (2-tailed)	.008
Exact Sig. [2*(1-tailed Sig.)]	.029 ^a

a. Not corrected for ties.

b. Grouping Variable: Konsentrasi

NPar Tests Mann-Whitney Test

Ranks

	Konsentrasi	N	Mean Rank	Sum of Ranks
Pertumbuhan Koloni	0.3	4	4.50	18.00
	0.4	4	4.50	18.00
	Total	8		

Test Statistics^b

	Pertumbuhan Koloni
Mann-Whitney U	8.000
Wilcoxon W	18.000
Z	.000
Asymp. Sig. (2-tailed)	1.000
Exact Sig. [2*(1-tailed Sig.)]	1.000 ^a

a. Not corrected for ties.

b. Grouping Variable: Konsentrasi

NPar Tests Mann-Whitney Test

Ranks

	Konsentrasi	N	Mean Rank	Sum of Ranks
Pertumbuhan Koloni	0.3	4	6.50	26.00
	0.5	4	2.50	10.00
	Total	8		

Test Statistics^b

	Pertumbuhan Koloni
Mann-Whitney U	.000
Wilcoxon W	10.000
Z	-2.646
Asymp. Sig. (2-tailed)	.008
Exact Sig. [2*(1-tailed Sig.)]	.029 ^a

a. Not corrected for ties.

b. Grouping Variable: Konsentrasi

NPar Tests Mann-Whitney Test

Ranks

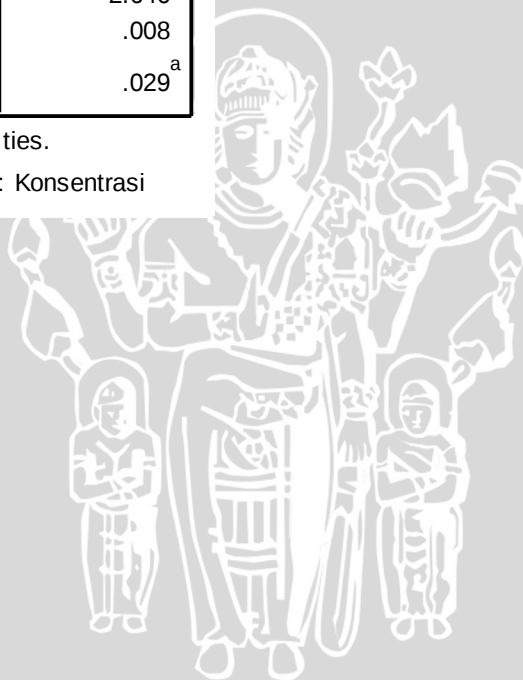
	Konsentrasi	N	Mean Rank	Sum of Ranks
Pertumbuhan Koloni	0.4	4	6.50	26.00
	0.5	4	2.50	10.00
	Total	8		

Test Statistics^b

	Pertumbuhan Koloni
Mann-Whitney U	.000
Wilcoxon W	10.000
Z	-2.646
Asymp. Sig. (2-tailed)	.008
Exact Sig. [2*(1-tailed Sig.)]	.029 ^a

a. Not corrected for ties.

b. Grouping Variable: Konsentrasi



Lampiran 6

NPar Tests

Kruskal-Wallis Test

Ranks

	Konsentrasi	N	Mean Rank
Pertumbuhan Koloni	Kontrol	4	22.50
	0.1	4	16.50
	0.2	4	16.50
	0.3	4	8.50
	0.4	4	8.50
	0.5	4	2.50
	Total	24	

Test Statistics^{a,b}

	Pertumbuhan Koloni
Chi-Square	23.000
df	5
Asy mp. Sig.	.000

a. Kruskal Wallis Test

b. Grouping Variable: Konsentrasi

Lampiran 7 Nonparametric Correlations

Correlations

			Konsentrasi	Pertumbuhan Koloni
Spearman's rho	Konsentrasi	Correlation Coefficient	1.000	-.971**
		Sig. (2-tailed)	.	.000
		N	24	24
	Pertumbuhan Koloni	Correlation Coefficient	-.971**	1.000
		Sig. (2-tailed)	.000	.
		N	24	24

** . Correlation is significant at the 0.01 level (2-tailed).



Lampiran 8

