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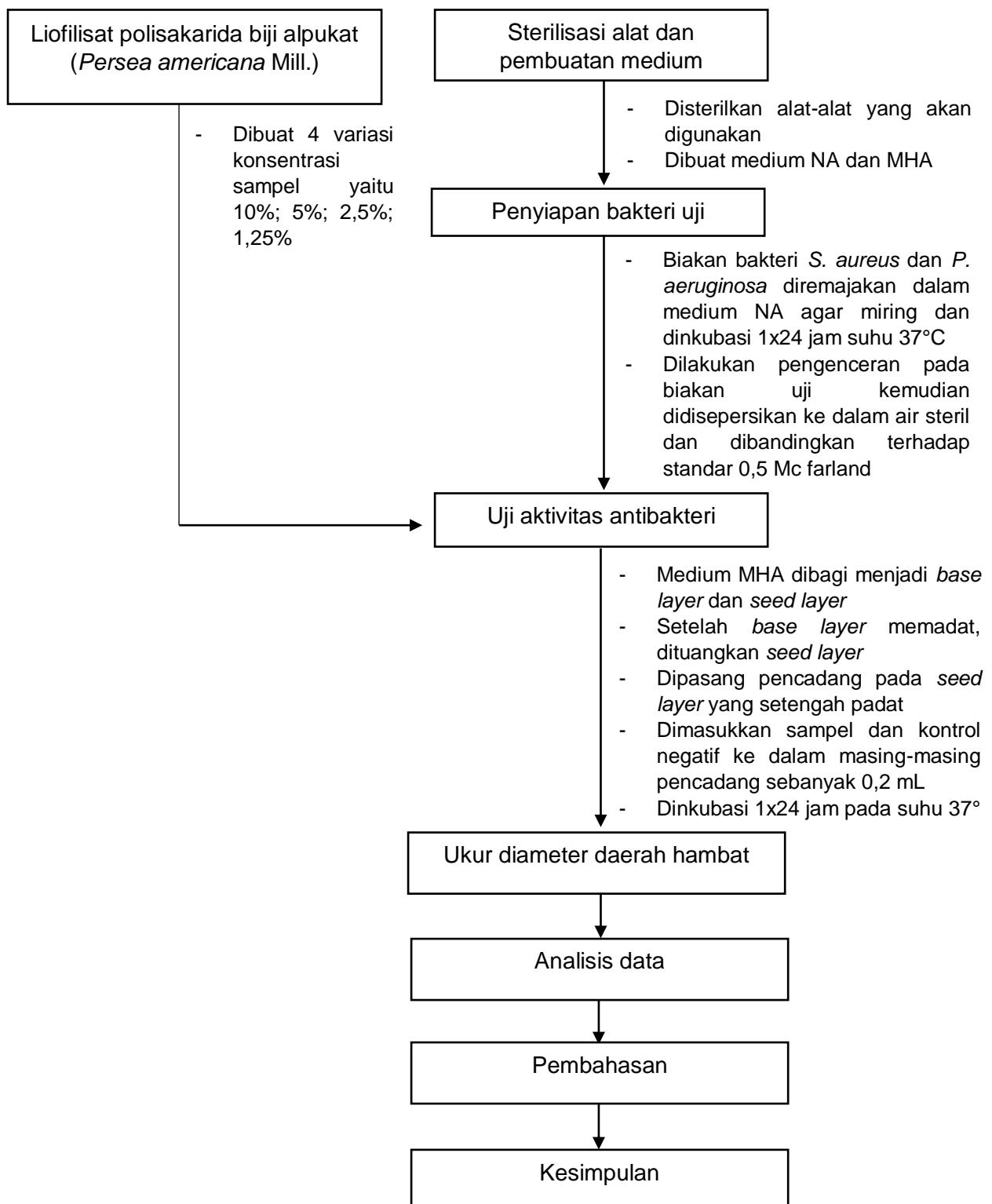
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LAMPIRAN

Lampiran 1. Skema Kerja Penelitian



Lampiran 2. Analisis Statistik

1. Pengujian Distribusi Normal

a. *Staphylococcus aureus*

One-Sample Kolmogorov-Smirnov Test

		konsentrasi	diameter daerah hambat
N		15	15
Normal Parameters ^a	Mean	3.00	8.5307
	Std. Deviation	1.464	.46806
Most Extreme Differences	Absolute	.153	.185
	Positive	.153	.185
	Negative	-.153	-.148
Kolmogorov-Smirnov Z		.592	.717
Asymp. Sig. (2-tailed)		.875	.683

a. Test distribution is Normal.

b. *Pseudomonas aeruginosa*

One-Sample Kolmogorov-Smirnov Test

		diameter hambat (mm)
N		15
Normal Parameters ^a	Mean	8.5807
	Std. Deviation	.51675
Most Extreme Differences	Absolute	.179
	Positive	.179
	Negative	-.144
Kolmogorov-Smirnov Z		.693
Asymp. Sig. (2-tailed)		.723

a. Test distribution is Normal.

2. Pengujian Analisis menggunakan One-Way ANOVA

a. *Staphylococcus aureus*

Descriptives

diameter hambat terhadap *S. aureus* (mm)

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
10%	3	9.3167	.03055	.01764	9.2408	9.3926	9.29	9.35
5%	3	8.6767	.04509	.02603	8.5647	8.7887	8.63	8.72
2.5%	3	8.4267	.00577	.00333	8.4123	8.4410	8.42	8.43
1.25%	3	8.2333	.02517	.01453	8.1708	8.2958	8.21	8.26
kontrol	3	8.0000	.00000	.00000	8.0000	8.0000	8.00	8.00
Total	15	8.5307	.46806	.12085	8.2715	8.7899	8.00	9.35

Test of Homogeneity of Variances

diameter hambat terhadap *S. aureus* (mm)

Levene Statistic	df1	df2	Sig.
2.625	4	10	.098

ANOVA

diameter hambat terhadap *S. aureus* (mm)

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	3.060	4	.765	1.053E3	.000
Within Groups	.007	10	.001		
Total	3.067	14			

b. *Pseudomonas aeruginosa*

Descriptives

diameter hambat (mm)

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
10%	3	9.4500	.04583	.02646	9.3362	9.5638	9.40	9.49
5%	3	8.7033	.05508	.03180	8.5665	8.8401	8.64	8.74
2.5%	3	8.4867	.11240	.06489	8.2075	8.7659	8.39	8.61
1.25%	3	8.2633	.15885	.09171	7.8687	8.6579	8.08	8.36
kontrol	3	8.0000	.00000	.00000	8.0000	8.0000	8.00	8.00
Total	15	8.5807	.51675	.13343	8.2945	8.8668	8.00	9.49

Test of Homogeneity of Variances

diameter hambat (mm)

Levene Statistic	df1	df2	Sig.
5.469	4	10	.013

ANOVA

diameter hambat (mm)					
	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	3.652	4	.913	106.177	.000
Within Groups	.086	10	.009		
Total	3.738	14			

3. Pengujian Analisis Post Hoc (LSD)**a. *Staphylococcus aureus*****Multiple Comparisons**

		Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
(I) konse ntrasi	(J) konse ntrasi				Lower Bound	Upper Bound
10%	5%	.64000*	.02201	.000	.5910	.6890
	2.5%	.89000*	.02201	.000	.8410	.9390
	1.25%	1.08333*	.02201	.000	1.0343	1.1324
	kontrol	1.31667*	.02201	.000	1.2676	1.3657
5%	10%	-.64000*	.02201	.000	-.6890	-.5910
	2.5%	.25000*	.02201	.000	.2010	.2990
	1.25%	.44333*	.02201	.000	.3943	.4924
	kontrol	.67667*	.02201	.000	.6276	.7257
2.5%	10%	-.89000*	.02201	.000	-.9390	-.8410
	5%	-.25000*	.02201	.000	-.2990	-.2010
	1.25%	.19333*	.02201	.000	.1443	.2424
	kontrol	.42667*	.02201	.000	.3776	.4757
1.25%	10%	-1.08333*	.02201	.000	-1.1324	-1.0343
	5%	-.44333*	.02201	.000	-.4924	-.3943
	2.5%	-.19333*	.02201	.000	-.2424	-.1443
	kontrol	.23333*	.02201	.000	.1843	.2824
kontrol	10%	-1.31667*	.02201	.000	-1.3657	-1.2676
	5%	-.67667*	.02201	.000	-.7257	-.6276
	2.5%	-.42667*	.02201	.000	-.4757	-.3776
	1.25%	-.23333*	.02201	.000	-.2824	-.1843

*. The mean difference is significant at the 0.05 level.

b. *Pseudomonas aeruginosa*

Multiple Comparisons

diameter hambat (mm)
LSD

(I) konse ntrasi	(J) konse ntrasi	Mean Difference (I- J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
10%	5%	.74667'	.07572	.000	.5780	.9154
	2.5%	.96333'	.07572	.000	.7946	1.1320
	1.25%	1.18667'	.07572	.000	1.0180	1.3554
	kontrol	1.45000'	.07572	.000	1.2813	1.6187
5%	10%	-.74667'	.07572	.000	-.9154	-.5780
	2.5%	.21667'	.07572	.017	.0480	.3854
	1.25%	.44000'	.07572	.000	.2713	.6087
	kontrol	.70333'	.07572	.000	.5346	.8720
2.5%	10%	-.96333'	.07572	.000	-1.1320	-.7946
	5%	-.21667'	.07572	.017	-.3854	-.0480
	1.25%	.22333'	.07572	.015	.0546	.3920
	kontrol	.48667'	.07572	.000	.3180	.6554
1.25%	10%	-1.18667'	.07572	.000	-1.3554	-1.0180
	5%	-.44000'	.07572	.000	-.6087	-.2713
	2.5%	-.22333'	.07572	.015	-.3920	-.0546
	kontrol	.26333'	.07572	.006	.0946	.4320
kontrol	10%	-1.45000'	.07572	.000	-1.6187	-1.2813
	5%	-.70333'	.07572	.000	-.8720	-.5346
	2.5%	-.48667'	.07572	.000	-.6554	-.3180
	1.25%	-.26333'	.07572	.006	-.4320	-.0946

*. The mean difference is significant at the 0.05 level.

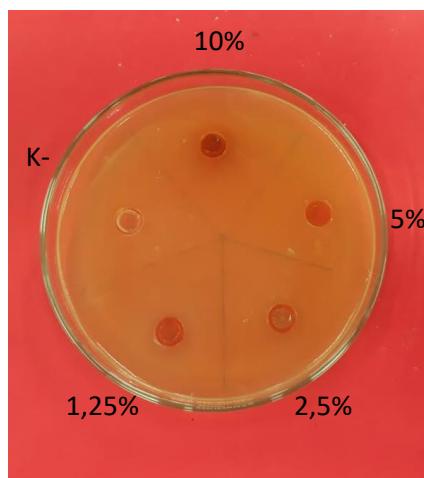
Lampiran 3. Dokumentasi Penelitian



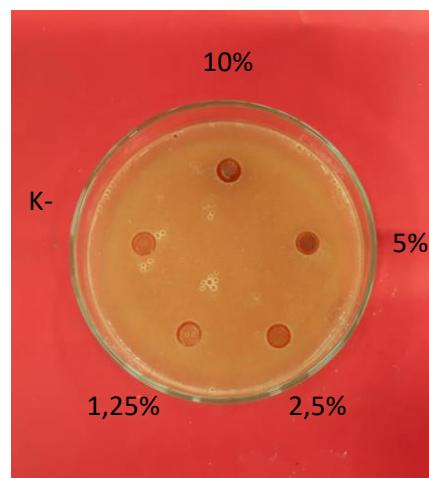
Gambar 4. Liofilisat biji alpukat



Gambar 5. Polisakarida biji alpukat konsentrasi 10%



Gambar 6. Aktivitas Antibakteri polisakarida biji alpukat terhadap bakteri *Pseudomonas aeruginosa*



Gambar 7. Aktivitas Antibakteri polisakarida biji alpukat terhadap bakteri *Staphylococcus aureus*



Gambar 8. Hasil uji kualitatif polisakarida metode iodin (Alfina, 2020)



Gambar 9. Hasil uji kualitatif polisakarida metode barfoed (Alfina, 2020)