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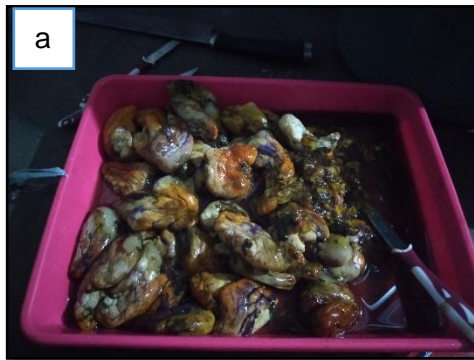
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LAMPIRAN

Lampiran 1. Sampel Tunikata: a. *P. aurata* yang melekat pada substrat; b. *P. aurata* yang telah diambil dari perairan.



Lampiran 2. Preparasi sampel: a. *P. aurata* yang telah dikeluarkan organ dalamnya; b. Pencucian *P. aurata* sebelum pengeringan dengan suhu ruangan



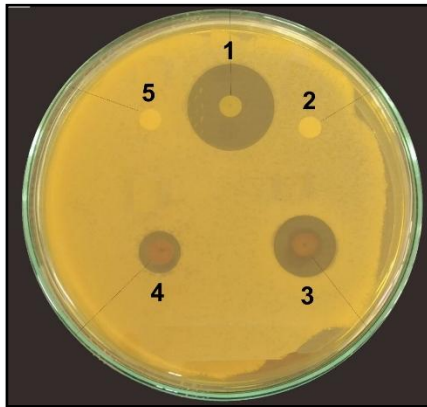
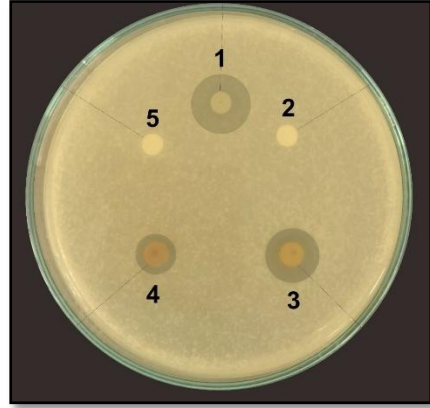
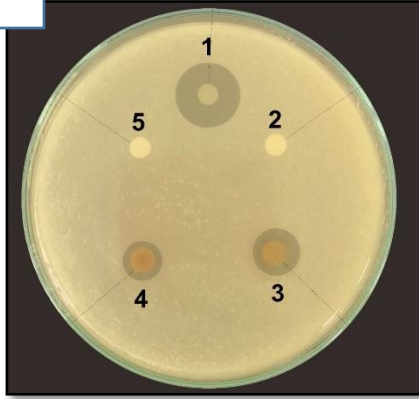
Lampiran 3. Ekstraksi sampel; a. Proses maserasi simplisia *P. aurata*; b. Ekstrak kasar *P. aurata*



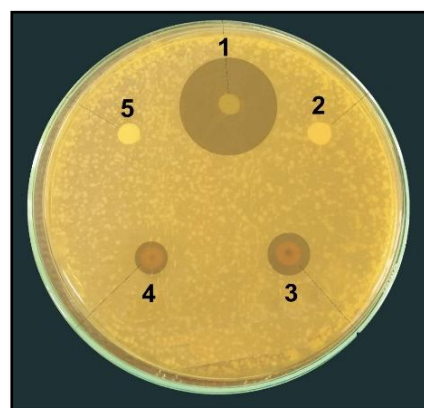
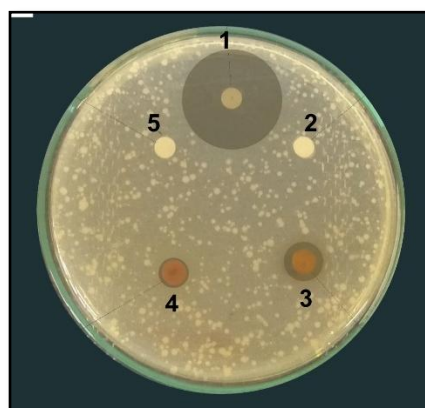
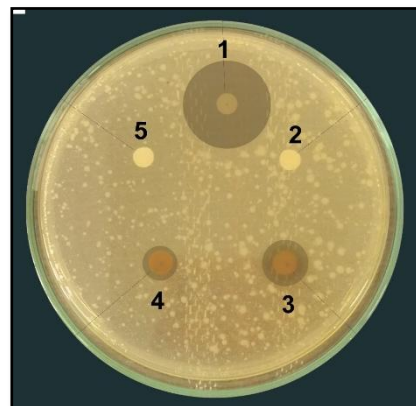
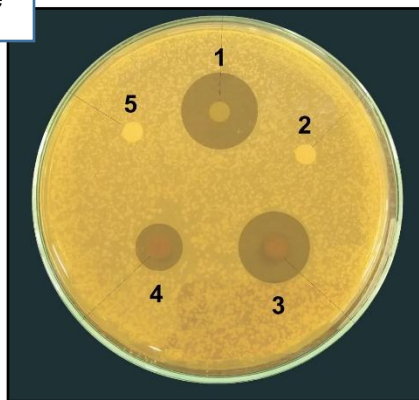
Lampiran 5. Uji antibakteri ekstrak *P. aurata*: a. Peremajaan bakteri uji pada medium TSA; b. Kekeruhan bakteri uji; c. Standar McFarland 0.5×10^8 ml; d. Uji aktivitas antibakteri ekstrak terhadap bakteri *Vibrio parahaemolyticus*: (1) Ciprofloxacin, (2) Etanol, (3) Ekstrak etanol, (4) Ekstrak n-heksan, (5) N-heksan; e. Uji aktivitas antibakteri ekstrak terhadap bakteri *Vibrio harvey*: (1) Ciprofloxacin, (2) Etanol, (3) Ekstrak etanol, (4) Ekstrak n-heksan, (5) N-heksan



d



e



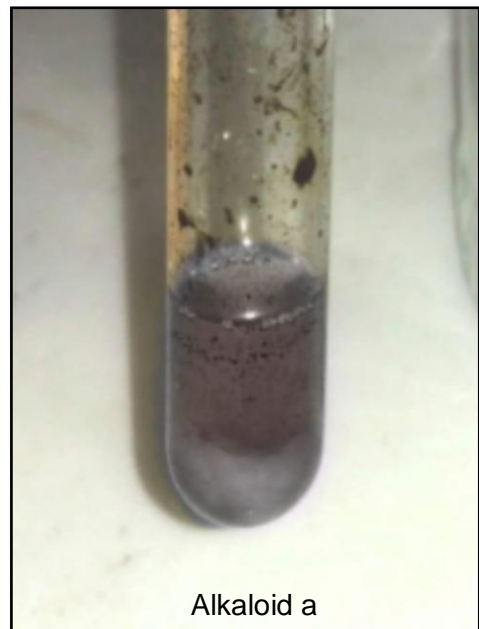
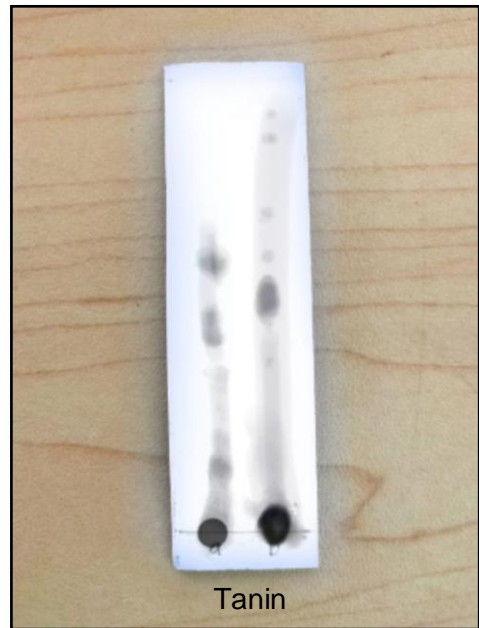
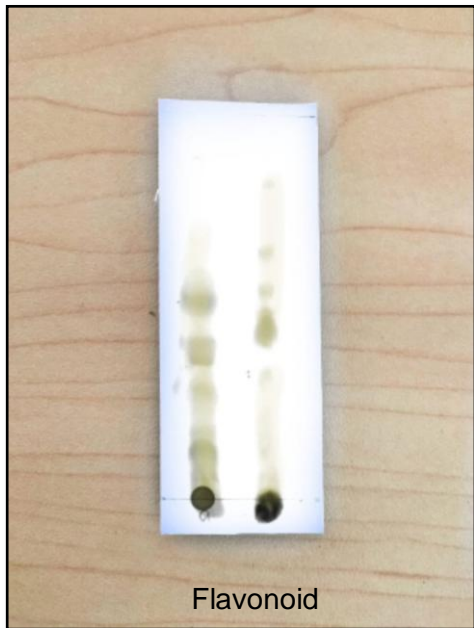
Hasil pengukuran kekeruhan standar *McFarland*

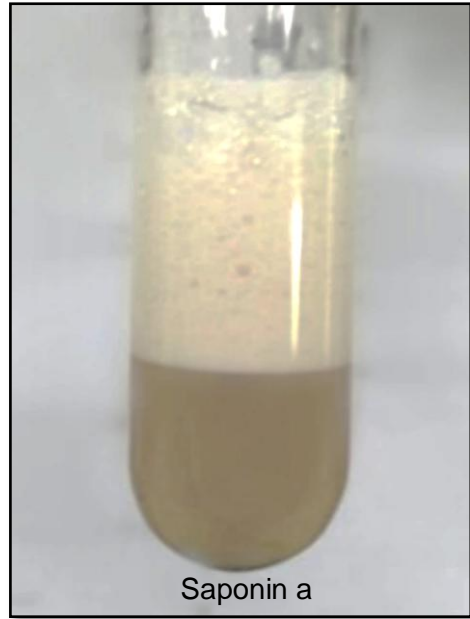
Standar McFarland	Kepadatan sel bakteri ($\times 10^8$ ml)	1.175% BaCl ₂ (ml)	1% H ₂ SO ₄ (ml)	Absorbansi		Rata- Rata
				Ulangan 1	Ulangan 2	
0.5	1.5	0.05	9.95	0.078	0.082	0.080
1	3	0.1	9.9	0.056	0.056	0.056
2	6	0.2	9.8	0.085	0.089	0.087
3	9	0.3	9.7	0.102	0.11	0.106
4	12	0.4	9.6	0.168	0.177	0.173
5	15	0.5	9.5	0.217	0.215	0.216
6	18	0.6	9.4	0.275	0.288	0.282
7	21	0.7	9.3	0.353	0.348	0.351
8	24	0.8	9.2	0.455	0.469	0.462
9	27	0.9	9.1	0.457	0.461	0.459
10	30	1	9	0.515	0.52	0.518
<i>Vibrio parahaemolyticus</i>				0.062	0.069	0.066
<i>Vibrio harveyi</i>				0.075	0.082	0.079

Hasil pengukuran uji bioaktivitas antibakteri ekstrak etanol dan n-heksan *P. aurata*

Perlakuan	Pengulangan	Diameter zona hambat (mm)		Diameter paper disc (mm)
		<i>Vibrio parahaemolyticus</i>	<i>Vibrio harveyi</i>	
N-heksan	1	1.20	1.35	6.00
	2	0.30	2.33	
	3	0.30	0.15	
	4	1.13	1.15	
	rata-rata	0.73	1.24	
Etanol	1	4.15	6.05	
	2	5.20	11.38	
	3	5.30	4.15	
	4	2.18	5.20	
	rata-rata	4.21	6.69	
Kontrol Positif (ciprofloxacin)	1	9.25	9.05	
	2	9.10	11.40	
	3	9.10	13.35	
	4	12.18	12.20	
	rata-rata	9.91	11.50	
Kontrol Negatif (N-Heksan)	1	0.00	0.00	
	2	0.00	0.00	
	3	0.00	0.00	
	4	0.00	0.00	
	rata-rata	0.00	0.00	
Kontrol Negatif (Etanol)	1	0.00	0.00	
	2	0.00	0.00	
	3	0.00	0.00	
	4	0.00	0.00	
	rata-rata	0.00	0.00	

Lampiran 4. Kandungan senyawa bioaktif ekstrak etanol dan n-heksan *P. aurata*





Keterangan: (a) ekstrak n-heksan
(b) ekstrak etanol