

DAFTAR LAMPIRAN

Lampiran 1. Media Tanam Dan Media Uji Bakteri



Lampiran 2. Alat dan Bahan Penelitian



Lampiran 3. Kegiatan penelitian

Lampiran 4. Tabel Screening Bakteri Potensial

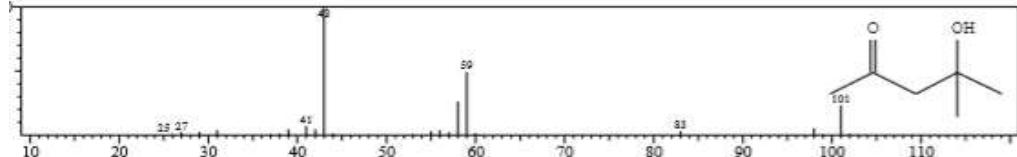
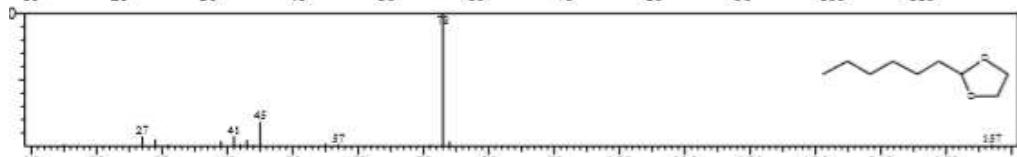
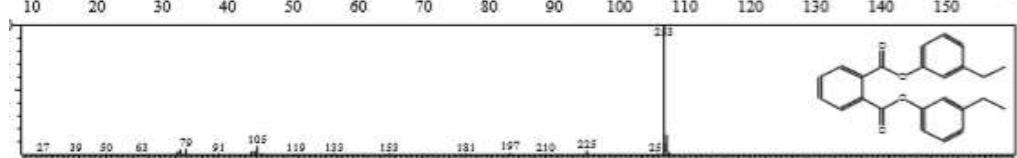
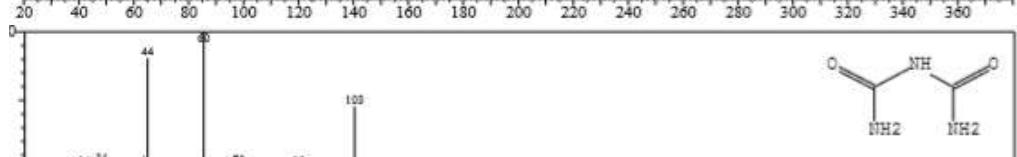
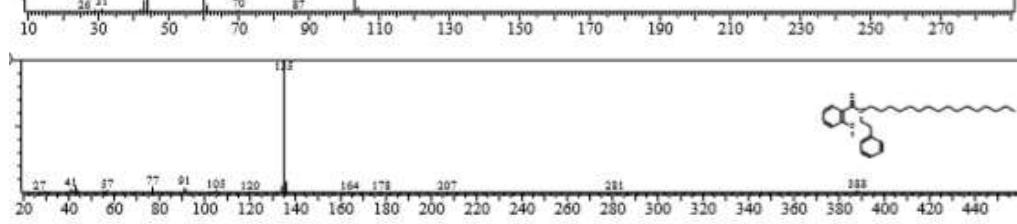
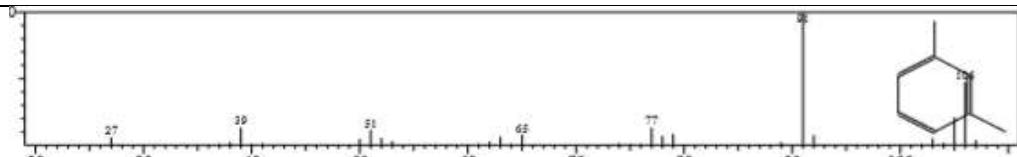
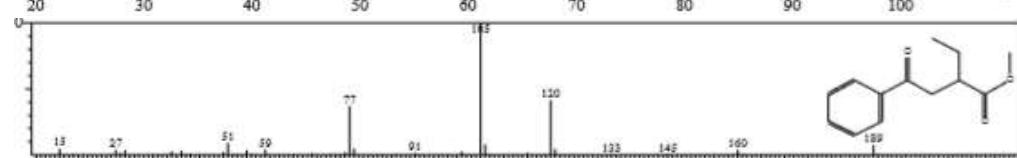
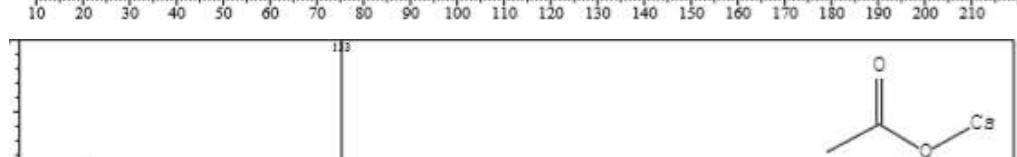
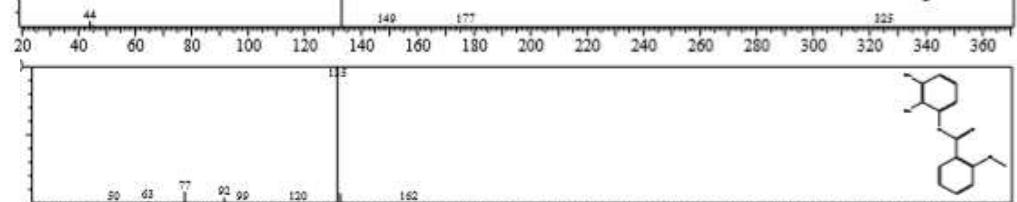
Hari Tanggal		Escherechia Coli (<i>E.coli</i>)									
		S.K.A.1	S.K.A.2	S.K.A.3	S.K.B.1	S.K.B.2	S.K.B.3	S.K.B.4	S.K.D.1	S.K.D.2	S.K.D.3
Sabtu	U ₁ 0,0	U ₁ 0,0	U ₁ 0,1	U ₁ 0,1	U ₁ 0,0	U ₁ 0,1	U ₁ 0,2	U ₁ 0,2	U ₁ 0,1	U ₁ 0,0	U ₁ 0,0
11/06/22	U ₂ 0,1	U ₂ 0,0	U ₂ 0,1	U ₂ 0,0	U ₂ 0,1	U ₂ 0,1	U ₂ 0,2	U ₂ 0,1	U ₂ 0,1	U ₂ 0,1	U ₂ 0,1
Minggu	U ₁ 0,0	U ₁ 0,0	U ₁ 0,1	U ₁ 0,1	U ₁ 0,0	U ₁ 0,0	U ₁ 0,2	U ₁ 0,2	U ₁ 0,1	U ₁ 0,1	U ₁ 0,1
12/06/22	U ₂ 0,1	U ₂ 0,0	U ₂ 0,1	U ₂ 0,1	U ₂ 0,1	U ₂ 0,1	U ₂ 0,2	U ₂ 0,2	U ₂ 0,1	U ₂ 0,1	U ₂ 0,1
Senin	U ₁ 0,1	U ₁ 0,1	U ₁ 0,1	U ₁ 0,1	U ₁ 0,0	U ₁ 0,1	U ₁ 0,2	U ₁ 0,2	U ₁ 0,1	U ₁ 0,2	U ₁ 0,2
13/06/22	U ₂ 0,1	U ₂ 0,1	U ₂ 0,1	U ₂ 0,1	U ₂ 0,1	U ₂ 0,1	U ₂ 0,2	U ₂ 0,2	U ₂ 0,1	U ₂ 0,2	U ₂ 0,2
Selasa	U ₁ 0,1	U ₁ 0,1	U ₁ 0,1	U ₁ 0,1	U ₁ 0,0	U ₁ 0,1	U ₁ 0,2	U ₁ 0,2	U ₁ 0,2	U ₁ 0,2	U ₁ 1,1
14/06/22	U ₂ 0,1	U ₂ 0,1	U ₂ 0,1	U ₂ 0,1	U ₂ 0,1	U ₂ 0,1	U ₂ 0,2	U ₂ 0,2	U ₂ 0,2	U ₂ 1,1	U ₂ 1,1
Rabu	U ₁ 0,1	U ₁ 0,1	U ₁ 0,1	U ₁ 0,1	U ₁ 0,0	U ₁ 0,1	U ₁ 0,2	U ₁ 0,2	U ₁ 0,1	U ₁ 1,2	U ₁ 1,2
15/06/22	U ₂ 0,1	U ₂ 0,1	U ₂ 0,1	U ₂ 0,1	U ₂ 0,1	U ₂ 0,1	U ₂ 0,2	U ₂ 0,2	U ₂ 0,2	U ₂ 1,2	U ₂ 1,2

Hari Tanggal		Straphylococcus Aureus (<i>S. aureus</i>)									
		S.K.A.1	S.K.A.2	S.K.A.3	S.K.B.1	S.K.B.2	S.K.B.3	S.K.B.4	S.K.D.1	S.K.D.2	S.K.D.3
Sabtu	U ₁ 0,0	U ₁ 0,0	U ₁ 0,2	U ₁ 0,1	U ₁ 0,0	U ₁ 0,1	U ₁ 0,2	U ₁ 0,0	U ₁ 0,0	U ₁ 0,0	U ₁ 0,0
11/06/22	U ₂ 0,0	U ₂ 0,0	U ₂ 0,1	U ₂ 0,0	U ₂ 0,1	U ₂ 0,1	U ₂ 0,2	U ₂ 0,1	U ₂ 0,0	U ₂ 0,1	U ₂ 0,1
Minggu	U ₁ 0,0	U ₁ 0,0	U ₁ 0,2	U ₁ 0,1	U ₁ 0,0	U ₁ 0,1	U ₁ 0,2	U ₁ 0,0	U ₁ 0,0	U ₁ 0,1	U ₁ 0,1
12/06/22	U ₂ 0,0	U ₂ 0,0	U ₂ 0,1	U ₂ 0,1	U ₂ 0,1	U ₂ 0,1	U ₂ 0,2	U ₂ 0,1	U ₂ 0,1	U ₂ 0,1	U ₂ 0,1
Senin	U ₁ 0,1	U ₁ 0,0	U ₁ 0,2	U ₁ 0,1	U ₁ 0,0	U ₁ 0,1	U ₁ 0,2	U ₁ 0,1	U ₁ 0,2	U ₁ 0,2	U ₁ 0,2
13/06/22	U ₂ 0,1	U ₂ 0,0	U ₂ 0,1	U ₂ 0,1	U ₂ 0,1	U ₂ 0,1	U ₂ 0,2	U ₂ 0,1	U ₂ 0,2	U ₂ 0,2	U ₂ 0,2
Selasa	U ₁ 0,1	U ₁ 0,0	U ₁ 0,2	U ₁ 0,1	U ₁ 0,2	U ₁ 0,1	U ₁ 0,2	U ₁ 0,0	U ₁ 0,0	U ₁ 1,0	U ₁ 1,1
14/06/22	U ₂ 0,1	U ₂ 0,1	U ₂ 0,1	U ₂ 0,1	U ₂ 0,1	U ₂ 0,1	U ₂ 0,2	U ₂ 0,1	U ₂ 0,1	U ₂ 1,0	U ₂ 1,1
Rabu	U ₁ 0,1	U ₁ 0,0	U ₁ 0,2	U ₁ 0,1	U ₁ 0,1	U ₁ 0,1	U ₁ 0,2	U ₁ 0,0	U ₁ 1,1	U ₁ 1,2	U ₁ 1,2
15/06/22	U ₂ 0,1	U ₂ 0,1	U ₂ 0,1	U ₂ 0,1	U ₂ 0,1	U ₂ 0,2	U ₂ 0,1	U ₂ 0,2	U ₂ 0,1	U ₂ 1,2	U ₂ 1,2

Lampiran 5. Tabel Pengukuran Kurva Pertumbuhan

Waktu	Jumlah Keloni		Pengenceran	logCFU/ml	
	S.K.D.2	S.K.D.3		S.K.D.2	S.K.D.3
0 jam	56	89	10 ³	4,748	4,949
4 jam	67	170	10 ⁵	6,826	7,23
8 jam	40	100	10 ⁵	6,602	7
12 jam	34	40	10 ⁷	3,531	8,602
16 jam	126	240	10 ⁷	9,1	9,38
20 jam	127	140	10 ⁹	11,103	11,146
24 jam	27	40	10 ⁹	10,431	10,602
28 jam	36	59	10 ¹⁰	11,556	11,77
32 jam	37	37	10 ¹⁰	11,568	11,568
36 jam	19	20	10 ¹⁰	11,278	11,301
40 jam	30	13	10 ¹⁰	11,477	11,113
44 jam	31	9	10 ¹⁰	11,491	10,954
48 jam	17	2	10 ¹⁰	11,23	10,301

Lampiran 6. Tabel Hasil Analisis GC-MS Senyawa Metabolit Sekunder

Peak	S.K.D. 2
1	 <p>Mass spectrum of Peak 1. The x-axis represents the mass-to-charge ratio (m/z) from 10 to 110. The y-axis represents relative abundance. The base peak is at m/z 49. Other labeled peaks include 27, 41, 59, 83, and 105. The chemical structure is 2-hydroxypropanoic acid (<chem>CC(=O)C(O)C</chem>).</p>
6	 <p>Mass spectrum of Peak 6. The x-axis represents the mass-to-charge ratio (m/z) from 10 to 150. The y-axis represents relative abundance. The base peak is at m/z 76. Other labeled peaks include 27, 41, 45, and 157. The chemical structure is cyclopentanehexene (<chem>CCCC1CCCC1</chem>).</p>
30	 <p>Mass spectrum of Peak 30. The x-axis represents the mass-to-charge ratio (m/z) from 20 to 360. The y-axis represents relative abundance. The base peak is at m/z 238. Other labeled peaks include 27, 39, 61, 72, 91, 105, 110, 133, 181, 197, 210, 225, and 255. The chemical structure is a tricyclic compound.</p>
33	 <p>Mass spectrum of Peak 33. The x-axis represents the mass-to-charge ratio (m/z) from 10 to 270. The y-axis represents relative abundance. The base peak is at m/z 44. Other labeled peaks include 36, 40, 87, and 109. The chemical structure is diaminocyclohexanecarboxylic acid (<chem>N#Cc1ccccc1N#Cc2ccccc2</chem>).</p>
34	 <p>Mass spectrum of Peak 34. The x-axis represents the mass-to-charge ratio (m/z) from 20 to 440. The y-axis represents relative abundance. The base peak is at m/z 113. Other labeled peaks include 27, 41, 87, 91, 105, 120, 164, 178, 207, 281, and 383. The chemical structure is a cyclic ether.</p>
Peak	S.K.D.3
3	 <p>Mass spectrum of Peak 3. The x-axis represents the mass-to-charge ratio (m/z) from 20 to 100. The y-axis represents relative abundance. The base peak is at m/z 95. Other labeled peaks include 27, 39, 51, 65, and 77. The chemical structure is a bicyclic ketone.</p>
9	 <p>Mass spectrum of Peak 9. The x-axis represents the mass-to-charge ratio (m/z) from 10 to 210. The y-axis represents relative abundance. The base peak is at m/z 145. Other labeled peaks include 13, 27, 51, 59, 77, 91, 110, 120, 133, 146, 160, and 189. The chemical structure is a tricyclic ketone.</p>
18	 <p>Mass spectrum of Peak 18. The x-axis represents the mass-to-charge ratio (m/z) from 20 to 360. The y-axis represents relative abundance. The base peak is at m/z 113. Other labeled peaks include 44, 149, and 177. The chemical structure is 2-methoxypropanoic acid (<chem>CC(=O)OC</chem>).</p>
38	 <p>Mass spectrum of Peak 38. The x-axis represents the mass-to-charge ratio (m/z) from 20 to 380. The y-axis represents relative abundance. The base peak is at m/z 113. Other labeled peaks include 30, 63, 77, 92, 99, 120, and 162. The chemical structure is a bicyclic ketone.</p>

Lampiran 6. Daftar Riwayat Hidup

Penulis dilahirkan di Rotiklot Kabupaten Belu Propinsi Nusa Tenggara Timur pada 15 Desember 1998, sebagai anak ke empat dari lima bersaudara dari pasangan Bapak Aderias Tahu Berek dan Ibu Florentina Bui Sirik. Pada tahun 2006 penulis mengikuti pendidikan pada SDK Kateri, tamat dan berijazah tahun 2012, penulis melanjutkan Negeri Kateri dan berijazah tahun 2015, dan penulis melanjutkan pendidikan pada SMA Negeri Harekakae dan tamat berijazah tahun 2018. Pada tahun 2018 penulis mendaftarkan diri pada Fakultas Sains dan Kesehatan Program Studi Biologi Universitas Timor - TTU lewat jalur SBMPTN hingga selesainya penyusunan Skripsi ini, dengan Moto “Belajar dari Sebuah Kegagalan Adalah Sesuatu Hal yang Bijak”

Kefamenanu, juni 2023

Maria Ludwina Balok