

### Lampiran 1: Alat-Alat dan Proses Penelitian



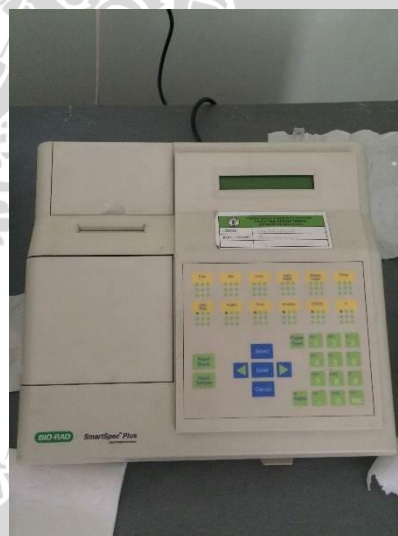
Gambar 1. Mikroskop



Gambar 2. Inkubator Lab.Mikro FKUB



Gambar 3. Laminary cabinet



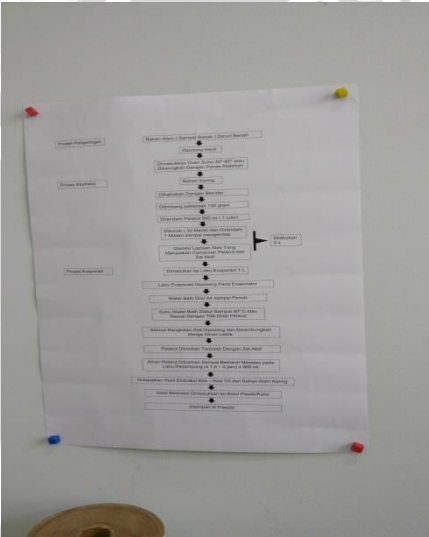
Gambar 4. Spectrophotometer



Gambar 5. Pengkulturan Jamur



Gambar 6. Pengkulturan jamur



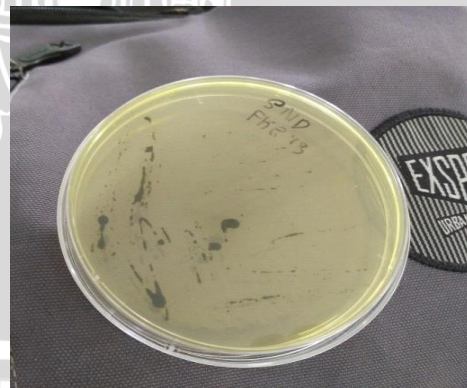
Gambar 7. Prosedur ekstraksi



Gambar 8. Persiapan uji kontaminasi



Gambar 9. Ekstrak metanol



Gambar 10. Uji kontaminasi ekstrak







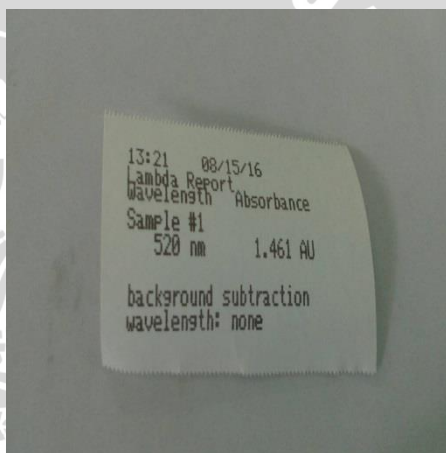
Gambar 11. Standarisasi koloni jamur



Gambar 12. Standarisasi koloni jamur



Gambar 13. Standarisasi koloni jamur



Gambar 14. Standarisasi koloni jamur



Gambar 15. Penambahan zat pelarut



Gambar 16. Penambahan zat pelarut



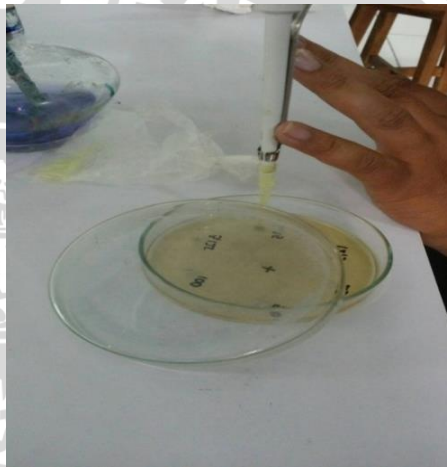
Gambar 17. Penulisan variasi konsnetrasi



Gambar 18. Penggunaan vibrator



Gambar 19. Persiapan injeksi ekstrak



Gambar 20. injeksi ekstrak ke plate agar

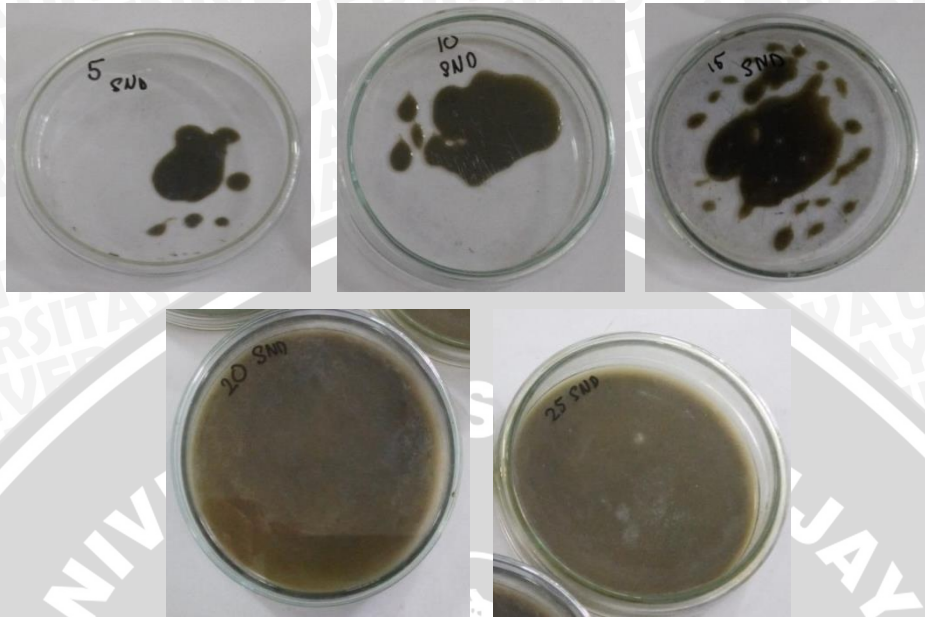


Gambar 21. Pewarnaan Gram

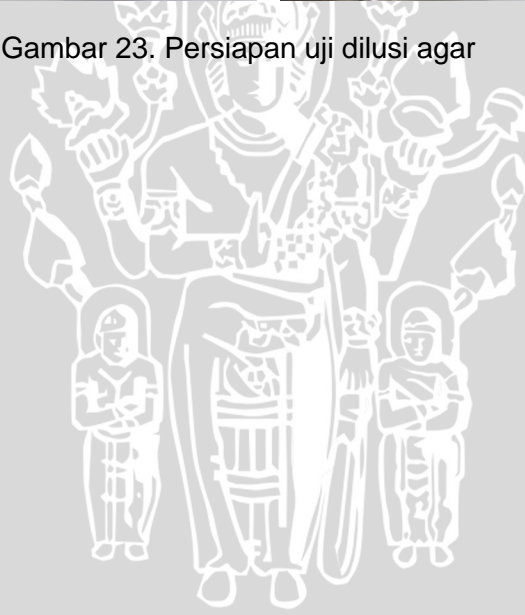


Gambar 22. Uji germ tube





Gambar 23. Persiapan uji dilusi agar



Lampiran 2: Uji Normalitas *Shapiro-Wilk* dan Uji *Kruskal-Wallis*

Tests of Normality

	Kolmogorov-Smirnov <sup>a</sup>			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
Ketebalan	.349	24	.000	.802	24	.000

a. Lilliefors Significance Correction

Ranks

	Kelompok	N	Mean Rank
Ketebalan	0%	4	22.50
	5%	4	14.50
	10%	4	14.50
	15%	4	14.50
	20%	4	6.50
	25%	4	2.50
	Total	24	

Test Statistics<sup>a,b</sup>

	Ketebalan
Chi-Square	23.000
df	5
Asymp. Sig.	.000

a. Kruskal Wallis Test

b. Grouping Variable: Kelompok

**Lampiran 3: Uji Post-Hoc Mann-Whitney**

**Ranks**

	Kelompok	N	Mean Rank	Sum of Ranks
Ketebalan	0%	4	6.50	26.00
	5%	4	2.50	10.00
	Total	8		

**Test Statistics<sup>b</sup>**

	Ketebalan
Mann-Whitney U	.000
Wilcoxon W	10.000
Z	-2.646
Asymp. Sig. (2-tailed)	.008
Exact Sig. [2*(1-tailed Sig.)]	.029 <sup>a</sup>

a. Not corrected for ties.

b. Grouping Variable: Kelompok

**Ranks**

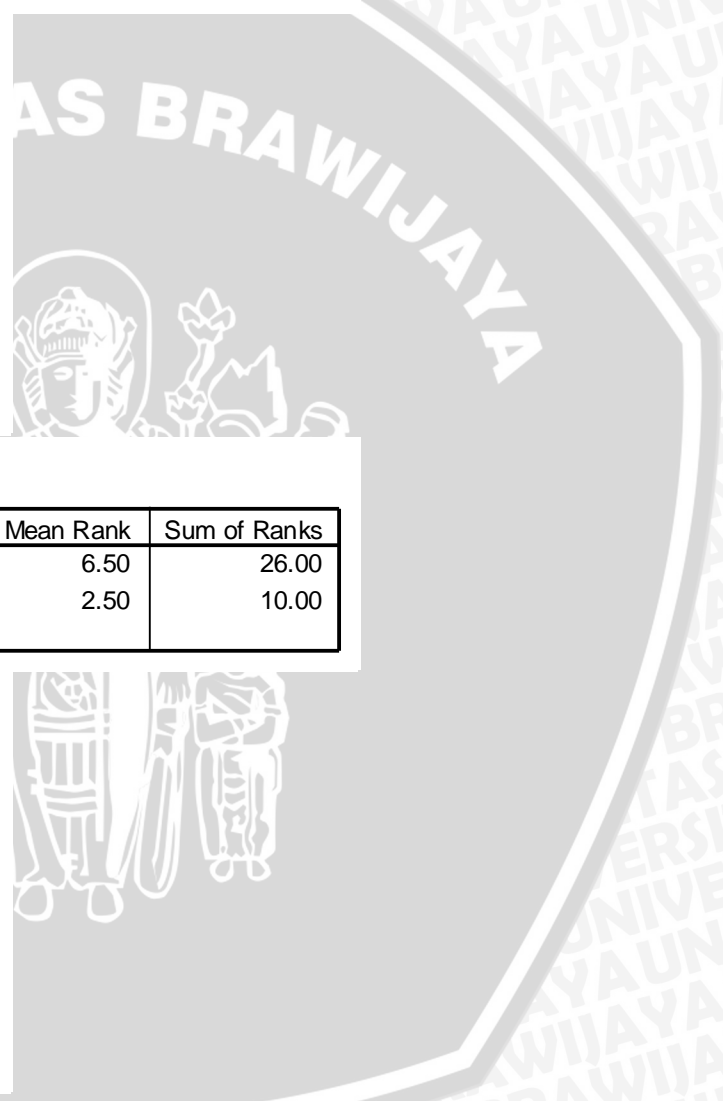
	Kelompok	N	Mean Rank	Sum of Ranks
Ketebalan	0%	4	6.50	26.00
	10%	4	2.50	10.00
	Total	8		

**Test Statistics<sup>b</sup>**

	Ketebalan
Mann-Whitney U	.000
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b. Grouping Variable: Kelompok





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b. Grouping Variable: Kelompok

**Ranks**

	Kelompok	N	Mean Rank	Sum of Ranks
Ketebalan	5%	4	4.50	18.00
	10%	4	4.50	18.00
	Total	8		

**Test Statistics<sup>b</sup>**

	Ketebalan
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 <sup>a</sup>

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	Kelompok	N	Mean Rank	Sum of Ranks
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a. Not corrected for ties.

b. Grouping Variable: Kelompok



**Ranks**

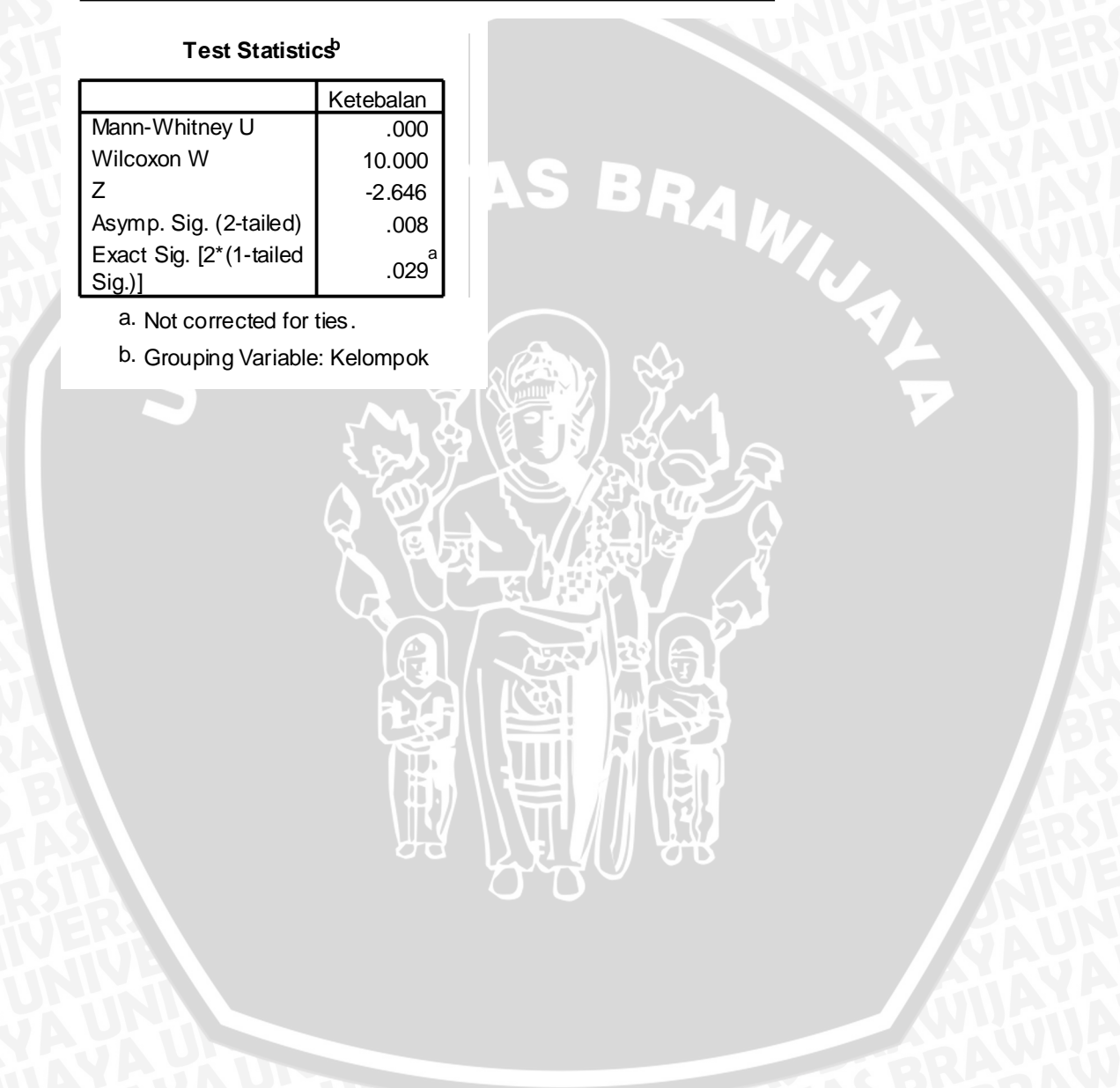
	Kelompok	N	Mean Rank	Sum of Ranks
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	Total	8		

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Z	-2.646
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Exact Sig. [2*(1-tailed Sig.)]	.029 <sup>a</sup>

a. Not corrected for ties.

b. Grouping Variable: Kelompok





Lampiran 4: Uji Korelasi Spearman


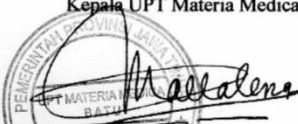
Correlations

			Konsentrasi	Ketebalan
Spearman's rho	Konsentrasi	Correlation Coefficient	1.000	-.941**
		Sig. (2-tailed)	.	.000
		N	24	24
	Ketebalan	Correlation Coefficient	-.941**	1.000
		Sig. (2-tailed)	.000	.
		N	24	24

\*\* . Correlation is significant at the .01 level (2-tailed).



## Lampiran 5: Surat Determinasi daun Srikaya

 <b>DINAS KESEHATAN PROPINSI JAWA TIMUR</b> <b>UPT MATERIA MEDICA BATU</b> Jalan Lahor No.87 Telp. (0341) 593396 Batu (65313) <b>KOTA BATU</b>	
Nomor	: 074 / 227 / 101.8 / VIII / 2016
Sifat	: Biasa
Perihal	: <b>Determinasi Tanaman Srikaya</b>
Memenuhi permohonan saudara :	
Nama	: HIRVINDA GIOVANNI SUCIPTO
NIM	: 135070400111027
Fakultas	: FAKULTAS KEDOKTERAN GIGI, JURUSAN PENDIDIKAN DOKTER GIGI UNIVERSITAS BRAWIJAYA MALANG
<b>1. Perihal determinasi tanaman srikaya</b>	
Kingdom	: Plantae (Tumbuhan)
Subkingdom	: Tracheobionta (Tumbuhan berpembuluh)
Super Divisi	: Spermatophyta (Menghasilkan biji)
Divisi	: Magnoliophyta (Tumbuhan berbunga)
Kelas	: Dicotyledonae
Bangsa	: Ranunculales
Suku	: Annonaceae
Marga	: Annona
Jenis	: <i>Annona squamosa</i> L.
Nama Daerah	: Sumatera: delima bintang, serba bintang, sarikaya, seraikaya. Jawa: sarikaya, srikaya, serkaya, surikaya, srikawis, sarkaja, serakaja, sirikaja. Kalimantan: sarikaya. Nusa Tenggara: sirkaya, srikaya, garoso, ata. Sulawesi: atis soe walanda, sirikaya, sirikaja, perse, atis, delima srikaya, srikaya. Maluku: atisi, hirikaya, atis.
Kunci determinasi	: 1b-2b-3b-4b-6b-7b-9b-10b-11b-12b-13b-14a-15a-109b-119b-120b-128b-129b-135b-136b-139b-140b-142b-143b-146b-154b-155b-156b-162b-163a-164b-165b-166a-1a.
<b>2. Morfologi</b>	
: Habitus: Pohon atau perdu, tinggi ± 7 m. Batang: Berkayu, bulat, bercabang, coklat kotor. Daun: Tunggal, bulat telur atau lanset, ujung tumpul, pangkal meruncing, tepi rata, panjang 6-17 cm, lebar 2,5-7,5 cm, pertulangan menyirip, hijau keputih-putihan hijau. Bunga: Tunggal, bentuk lonceng, kelopak segi tiga, kecil benang sari banyak, putih, tangkai sari panjang, kepala putik menyatu, bakal buah banyak dan mudah rontok, mahkota berdaging tebal, panjang 2-2,5 cm, putih kekuningan. Buah: Buni, majemuk, bulat, berbongkol-bongkol, diameter 5-10 cm, dilapisi lilin, hijau. Biji: Bulat telur, hitam. Akar: Tunggang, bulat, kecoklatan.	
<b>3. Nama Simplisia</b> : Squamosae Folium / daun srikaya	
<b>4. Kandungan</b> : Alkaloid tipe asporfin (anonain) dan bisbenziltetrahydroisokinolin (retikulin). Daun mengandung alkaloid tetrahidro isokinolin, p-hidroksibenzil-6,7-dihidroksi- 1,2,3,4-tetrahydroisokinolin (demetiloklaurin = higenamin).	
<b>5. Penggunaan</b> : Penelitian (Tugas Akhir).	
<b>6. Daftar Pustaka</b>	
<ul style="list-style-type: none"> <li>• Anonim. 2010. <a href="http://www.ipteknet.co.id/srikaya">http://www.ipteknet.co.id/srikaya</a>.</li> <li>• Anonim. 2010. <a href="http://www.plantamor.com/srikaya">http://www.plantamor.com/srikaya</a>.</li> <li>• Anonim. 2010. <a href="http://www.warintek.ristek.go.id/srikaya">http://www.warintek.ristek.go.id/srikaya</a>.</li> <li>• Syamsuhidayat, Sri Sugati dan Johny Ria Hutapea. 1991. <i>Inventaris Tanaman Obat Indonesia I</i>. Departemen Kesehatan Republik Indonesia: Badan Penelitian dan Pengembangan Kesehatan.</li> <li>• Van Steenis, CGGJ. 2008. <i>FLORA: untuk Sekolah di Indonesia</i>. Pradnya Paramita, Jakarta.</li> </ul>	
Demikian surat keterangan determinasi ini kami buat untuk dipergunakan sebagaimana mestinya.	
Batu, 01 Agustus 2016 Kepala UPT Materia Medica Batu  <b>Dr. Husin R.M., Drs., Apt., M.Kes.</b> NIP 19611102 199103 1 003	