

DATA LAMPIRAN

Lampiran 1

Uji Normalitas

Uji Normalitas dikatakan signifikan jika > 0.05 , data normal

One-Sample Kolmogorov-Smirnov Test

		Unstandardized Residual
N		28
Normal Parameters ^a	Mean	.0000000
	Std. Deviation	1.24729113E6
Most Extreme Differences	Absolute	.129
	Positive	.129
	Negative	-.113
Kolmogorov-Smirnov Z		.685
Asymp. Sig. (2-tailed)		.736
a. Test distribution is Normal.		

Lampiran 2

Uji Homogenitas

Uji homogenitas (varian data homogeny, jika signifikansi > 0.05), didapatkan data tidak homogen

Test of Homogeneity of Variances

Bakteri

Levene Statistic	df1	df2	Sig.
5.370	6	21	.002

Lampiran 3

Kruskal-Wallis Test

Ranks

Perlakuan	N	Mean Rank
Bakteri		
Konsentrasi 0%	4	26.50
Konsentrasi 10%	4	22.50
Konsentrasi 11%	4	18.25
Konsentrasi 12%	4	14.75
Konsentrasi 13%	4	6.50
Konsentrasi 14%	4	6.50
Konsentrasi 15%	4	6.50
Total	28	

Test Statistics^{a,b}

	Bakteri
Chi-Square	26.567
Df	6
Asymp. Sig.	.000

a. Kruskal Wallis Test

b. Grouping Variable:
Perlakuan

Lampiran 4

Uji Mann Whitney

Ranks

	Perlakuan	N	Mean Rank	Sum of Ranks
Bakteri	Konsentrasi 0%	4	6.50	26.00
	Konsentrasi 10%	4	2.50	10.00
	Total	8		

Test Statistics^a

	Bakteri
Mann-Whitney U	.000
Wilcoxon W	10.000
Z	-2.323
Asymp. Sig. (2-tailed)	.020
Exact Sig. [2*(1-tailed Sig.)]	.029 ^a

a. Not corrected for ties.

b. Grouping Variable: Perlakuan

Ranks

	Perlakuan	N	Mean Rank	Sum of Ranks
Bakteri	Konsentrasi 0%	4	6.50	26.00
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	Total	8		

Test Statistics^a

	Bakteri
Mann-Whitney U	.000
Wilcoxon W	10.000
Z	-2.309
Asymp. Sig. (2-tailed)	.021
Exact Sig. [2*(1-tailed Sig.)]	.029 ^a

a. Not corrected for ties.

b. Grouping Variable: Perlakuan

	Perlakuan	N	Mean Rank	Sum of Ranks
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Test Statistics^a

	Bakteri
Mann-Whitney U	.000
Wilcoxon W	10.000
Z	-2.460
Asymp. Sig. (2-tailed)	.014
Exact Sig. [2*(1-tailed Sig.)]	.029 ^a

a. Not corrected for ties.

b. Grouping Variable: Perlakuan

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Asymp. Sig. (2-tailed)	.013
Exact Sig. [2*(1-tailed Sig.)]	.029 ^a

a. Not corrected for ties.

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	Perlakuan	N	Mean Rank	Sum of Ranks
Bakteri	Konsentrasi 11%	4	6.25	25.00
	Konsentrasi 12%	4	2.75	11.00
	Total	8		

Test Statistics^a

	Bakteri
Mann-Whitney U	1.000
Wilcoxon W	11.000
Z	-2.021
Asymp. Sig. (2-tailed)	.043
Exact Sig. [2*(1-tailed Sig.)]	.047 ^a

a. Not corrected for ties.

b. Grouping Variable: Perlakuan

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	Konsentrasi 13%	4	2.50	10.00
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Test Statistics^a

	Bakteri
Mann-Whitney U	.000
Wilcoxon W	10.000
Z	-2.460
Asymp. Sig. (2-tailed)	.014
Exact Sig. [2*(1-tailed Sig.)]	.029 ^a

a. Not corrected for ties.

Ranks

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Exact Sig. [2*(1-tailed Sig.)]	.029 ^a

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Exact Sig. [2*(1-tailed Sig.)]	.029 ^a

a. Not corrected for ties.

b. Grouping Variable: Perlakuan

Ranks

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Test Statistics^a

	Bakteri
Mann-Whitney U	.000
Wilcoxon W	10.000
Z	-2.460
Asymp. Sig. (2-tailed)	.014
Exact Sig. [2*(1-tailed Sig.)]	.029 ^a

a. Not corrected for ties.

b. Grouping Variable: Perlakuan

	Perlakuan	N	Mean Rank	Sum of Ranks
Bakteri	Konsentrasi 13%	4	4.50	18.00
	Konsentrasi 14%	4	4.50	18.00
	Total	8		

Test Statistics^b

	Bakteri
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: Perlakuan

Ranks

	Perlakuan	N	Mean Rank	Sum of Ranks
Bakteri	Konsentrasi 13%	4	4.50	18.00
	Konsentrasi 15%	4	4.50	18.00
	Total	8		

Test Statistics^b

	Bakteri
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: Perlakuan

Ranks

Perlakuan	N	Mean Rank	Sum of Ranks
Bakteri Konsentrasi 14%	4	4.50	18.00
Konsentrasi 15%	4	4.50	18.00
Total	8		

Test Statistics^b

	Bakteri
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: Perlakuan

Lampiran 5

Korelasi Spearman

Untuk mengukur kekuatan hubungan antara perlakuan dan hasil

Signifikansi < 0.05 , hubungan antara perlakuan dan hasil, bermakna signifikan. Rentang nilai Koefisien Korelasi antara 0 sampai 1 atau -1, nilai Koefisien Korelasi = -0.956, berarti hubungan “negatif”, kekuatan “sangat kuat”

Correlations

			konsentrasi	bakteri
Spearman's rho	konsentrasi	Correlation Coefficient	1.000	-.956**
		Sig. (2-tailed)	.	.000
		N	28	28
	bakteri	Correlation Coefficient	-.956**	1.000
		Sig. (2-tailed)	.000	.
		N	28	28

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

Lampiran 6

Determinasi Tanaman Daun Dewa

 UPT MATERIA MEDICA Jalan Lahor No.87 Telp. (0341) 593396 Batu (65313) KOTA BATU	
Nomor	: 074/036/101.8/2015
Sifat	: Biasa
Perihal	: <u>Determinasi Tanaman Daun Dewa</u>
Memenuhi permohonan saudara :	
Nama	: AULIA VILAYATI
NIM	: 115070100111069
Fakultas	: KEDOKTERAN, UNIVERSITAS BRAWIJAYA MALANG
1. Perihal determinasi tanaman daun dewa Kingdom : Plantae (Tumbuhan) Subkingdom : Tracheobionta (Tumbuhan berpembuluh) Super Divisi : Spermatophyta (Menghasilkan biji) Divisi : Magnoliophyta (Tumbuhan berbunga) Sub Divisi : Angiospermae Kelas : Dicotyledonae Bangsa : Asterales Suku : Compositae Marga : Gynura Jenis : <i>Gynura pseudo-china</i> DC. Sinonim : = <i>Gynura procumbens</i> (Lour.) Merr. = <i>G.segetum</i> (Lour) Merr. = <i>G. divaricata</i> DC. = <i>G. ovalis</i> DC. = <i>Senecio divarigata</i> L. Nama Daerah : Daun dewa, beluntas china (Melayu); daun dewa (Jawa Tengah). Kunci Determinasi : 1b-2b-3b-4b-6b-7b-9b-10b-11b-12b-13b-14b-16b-239b-243b- 244b-248b-249b-250a-266a-1a-2b-3b-4a.	
2. Morfologi : Habitus: Semak, semusim, tinggi 10-25 cm. Batang: Lunak, penampang bulat, berambut halus, membentuk umbi, ungu kehijauan. Daun: Tunggal, bulat telur, tersebar mengelilingi batang, tangkai pendek, berdaging, berbulu lebat, ujung tumpul, tepi bertoreh, pangkal meruncing, pertulangan menyirip, permukaan atas hijau, permukaan bawah ungu. Bunga: Majemuk, bentuk bongkol, berbulu, tangkai 20-30 cm, kelopak hijau, berbentuk cawan, mahkota 1-1.5 cm, benang sari kuning, bentuk jarum, kuning. Buah: Kecil, coklat. Biji: Bentuk jarum, panjang ±0.5 cm, coklat. Akar: serabut, kuning muda.	
3. Nama Simplicia : Gynurae Folium/ Daun Dewa.	
4. Kandungan : Daun mengandung alkaloida, saponin, tannin, minyak atsiri, flavonoida (4 hidroksiflavanol, 3,4-dihidroksi flavonol, 3,4-dihidroksiflavan, asam klorogenat, asam kafeat, asam p-kumarat, asam vanilat) dan tannin galat, katekat, steroid, triterpenoid.	
5. Penggunaan : Penelitian	
6. Daftar Pustaka • Anonim. http://www.idionline.com/daun_dewa, diakses tanggal 21 Desember 2005. • Anonim. http://www.iptek.net.id/daun_dewa, diakses tanggal 21 Oktober 2010. • Anonim. http://www.warintek.ristek.go.id/daun%20dewa, diakses tanggal 23 Oktober 2010. • Syamsuhidayat, Sri Sugati dan Johny Ria Hutapea. 1991. <i>Inventaris Tanaman Obat Indonesia I</i>. Departemen Kesehatan Republik Indonesia: Badan Penelitian dan Pengembangan Kesehatan. • Van Steenis. CGGI 2008. <i>FLORA Pradua Darusila</i>. Jakarta.	
Batu, 20 Januari 2015 Kepala UPT Materia Medica Batu  Drs. Husin RM, Apt. MKes.	