

Lampiran 1
MORFOLOGI TANAMAN KEMUNING
(*Murraya paniculata* (L.) Jack)



Gambar 1 Tanaman Kemuning (*Murraya paniculata* (L.) Jack)

Lampiran 2
HASIL DETERMINASI KULIT BATANG KEMUNING
(Murraya paniculata (L.) Jack)

HERBARIUM JATINANGOR
LABORATORIUM TAKSONOMI TUMBUHAN
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LEMBAR IDENTIFIKASI TUMBUHAN
 No. 375/HB/01/2014

Herbarium Jatinangor, Laboratorium Taksonomi Tumbuhan, Jurusan Biologi FMIPA UNPAD, dengan ini menerangkan bahwa:

Nama : Lestari Fitri A.
 NPM : 10060309016
 Instansi : Jurusan Farmasi, FMIPA Unisba

Telah melakukan identifikasi tumbuhan, dengan No. Koleksi: -

Tanggal Koleksi : 10 Januari 2014

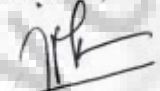
Lokasi : -

Hasil Identifikasi

Nama Ilmiah : *Murraya paniculata (L.) Jack* ; Famili : Rutaceae

Jatinangor, 20 Januari 2014


Identifikator,


 Drs. Joko Kusmoro, M.P.
 NIP. 19600801 199101 1 001

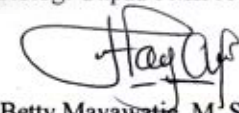
Mengetahui,

a.n. Dekan
 Pembantu Dekan I FMIPA Unpad

LABORATORIUM TAKSONOMI TUMBUHAN
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Lampiran 2 (LANJUTAN)

Nama Ilmiah : ***Murraya paniculata* (L.) Jack**
 Sinonim : *Camunium exoticum* (L.) Kuntze
 Nama Lokal : Kemuning
 Suku/Famili : Rutaceae

Klasifikasi (Hirarki Taksonomi)

Kingdom : Plantae
 Divisi : Magnoliophyta
 Class : Magnoliopsida
 Ordo : Sapindales
 Famili : Rutaceae
 Genus : *Murraya*
 Species : ***Murraya paniculata* (L.) Jack**

Referensi:

Backer, CA and Bakhuizen van den Brink RC Jr. 1963. *Flora of Java*. Rijks Herbarium, Leiden. Wolter-Noordhoff NV. Groningen.

Cronquist, Arthur. 1981. *An Integrated System of Classification of Flowering Plants*. Columbia University Press:New York

The Plant List. *Website Dunia Tumbuhan*. <http://www.theplantlist.org/tpl1.1/record/kew-2510469?ref=tpl1>. diakses tanggal 09 Januari 2014.

Lampiran 3

HASIL PERHITUNGAN RENDEMEN DAN GAMBAR HASIL EKSTRAK KENTAL KULIT BATANG KEMUNING (*Murraya paniculata* (L.) Jack)

1. Hasil rendemen

$$\begin{aligned}\text{Rendemen ekstrak (\%)} &= \frac{\text{Berat ekstrak total (gram)}}{\text{Berat Simplicia (gram)}} \times 100\% \\ &= \frac{89,10 \text{ gram}}{1000 \text{ gram}} \times 100\% \\ &= 8,91\%\end{aligned}$$

2. Gambar Hasil Ekstrak



Gambar 2. Ekstrak Kental Kulit Batang Kemuning (*Murraya paniculata*.(L.) Jack)

Lampiran 4
HASIL ANALISIS STATISTIKA METODE ANAVA DAN LSD
WAKTU ONSET SEDATIF

Descriptives

Sampel

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
kontrol	5	26.9480	3.96518	1.77328	22.0246	31.8714	22.43	31.45
pembanding	5	21.5100	4.81158	2.15181	15.5356	27.4844	16.35	27.09
uji 1	5	27.4300	3.87212	1.73167	22.6221	32.2379	22.31	31.80
uji 2	5	25.6680	5.43481	2.43052	18.9198	32.4162	18.36	32.29
uji 3	5	24.2520	4.05313	1.81262	19.2194	29.2846	19.51	29.24
Total	25	25.1616	4.62378	.92476	23.2530	27.0702	16.35	32.29

Test of Homogeneity of Variances

Sampel

Levene Statistic	df1	df2	Sig.
.272	4	20	.893

ANOVA

Sampel

	Sum of Squares	Df	Mean Square	F	Sig.
Between Groups	113.774	4	28.444	1.425	.262
Within Groups	399.329	20	19.966		
Total	513.104	24			

Lampiran 4
(LANJUTAN)

Multiple Comparisons

Sampel

LSD

(I) efeksedatif	(J) efeksedatif	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
kontrol	Pembanding	5.43800	2.82606	.069	-.4570	11.3330
	uji 1	-.48200	2.82606	.866	-6.3770	5.4130
	uji 2	1.28000	2.82606	.655	-4.6150	7.1750
	uji 3	2.69600	2.82606	.351	-3.1990	8.5910
pembanding	Control	-5.43800	2.82606	.069	-11.3330	.4570
	uji 1	-5.92000*	2.82606	.049	-11.8150	-.0250
	uji 2	-4.15800	2.82606	.157	-10.0530	1.7370
	uji 3	-2.74200	2.82606	.344	-8.6370	3.1530
uji 1	Control	.48200	2.82606	.866	-5.4130	6.3770
	Pembanding	5.92000*	2.82606	.049	.0250	11.8150
	uji 2	1.76200	2.82606	.540	-4.1330	7.6570
	uji 3	3.17800	2.82606	.274	-2.7170	9.0730
uji 2	Control	-1.28000	2.82606	.655	-7.1750	4.6150
	Pembanding	4.15800	2.82606	.157	-1.7370	10.0530
	uji 1	-1.76200	2.82606	.540	-7.6570	4.1330
	uji 3	1.41600	2.82606	.622	-4.4790	7.3110
uji 3	Control	-2.69600	2.82606	.351	-8.5910	3.1990
	Pembanding	2.74200	2.82606	.344	-3.1530	8.6370
	uji 1	-3.17800	2.82606	.274	-9.0730	2.7170
	uji 2	-1.41600	2.82606	.622	-7.3110	4.4790

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

Lampiran 5

HASIL ANALISIS STATISTIKA METODE ANAVA DAN LSD WAKTU ONSET HIPNOTIK

Descriptives

Sampel

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
Kontrol	5	49.3840	6.16804	2.75843	41.7254	57.0426	39.10	55.31
pembanding	5	40.5900	6.30369	2.81909	32.7629	48.4171	32.18	47.17
uji 1	5	49.0480	4.90889	2.19532	42.9528	55.1432	41.05	53.10
uji 2	5	45.0700	4.90715	2.19455	38.9770	51.1630	39.23	48.91
uji 3	5	43.1160	6.16315	2.75624	35.4634	50.7686	35.78	49.12
Total	25	45.4416	6.27142	1.25428	42.8529	48.0303	32.18	55.31

Test of Homogeneity of Variances

Sampel

Levene Statistic	df1	df2	Sig.
.328	4	20	.856

ANOVA

Sampel

	Sum of Squares	Df	Mean Square	F	Sig.
Between Groups	288.166	4	72.041	2.197	.106
Within Groups	655.772	20	32.789		
Total	943.938	24			

Lampiran 5
(LANJUTAN)

Multiple Comparisons

Sampel

LSD

(I) efekhipnotik	(J) efekhipnotik	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
Control	pembanding	8.79400*	3.62152	.025	1.2396	16.3484
	uji 1	.33600	3.62152	.927	-7.2184	7.8904
	uji 2	4.31400	3.62152	.248	-3.2404	11.8684
	uji 3	6.26800	3.62152	.099	-1.2864	13.8224
pembanding	kontrol	-8.79400*	3.62152	.025	-16.3484	-1.2396
	uji 1	-8.45800*	3.62152	.030	-16.0124	-.9036
	uji 2	-4.48000	3.62152	.230	-12.0344	3.0744
	uji 3	-2.52600	3.62152	.494	-10.0804	5.0284
uji 1	kontrol	-.33600	3.62152	.927	-7.8904	7.2184
	pembanding	8.45800*	3.62152	.030	-.9036	16.0124
	uji 2	3.97800	3.62152	.285	-3.5764	11.5324
	uji 3	5.93200	3.62152	.117	-1.6224	13.4864
uji 2	kontrol	-4.31400	3.62152	.248	-11.8684	3.2404
	Pembanding	4.48000	3.62152	.230	-3.0744	12.0344
	uji 1	-3.97800	3.62152	.285	-11.5324	3.5764
	uji 3	1.95400	3.62152	.595	-5.6004	9.5084
uji 3	Control	-6.26800	3.62152	.099	-13.8224	1.2864
	Pembanding	2.52600	3.62152	.494	-5.0284	10.0804
	uji 1	-5.93200	3.62152	.117	-13.4864	1.6224
	uji 2	-1.95400	3.62152	.595	-9.5084	5.6004

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

Lampiran 6
HASIL ANALISIS STATISTIKA METODE ANAVA DAN LSD
WAKTU ONSET SEDATIF

Descriptives

Sampel

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
kontrol	5	114.0060	10.78082	4.82133	100.6198	127.3922	100.81	127.54
pembanding	5	152.3540	12.70870	5.68350	136.5741	168.1339	135.64	168.55
uji 1	5	114.4700	17.73359	7.93070	92.4508	136.4892	89.60	132.47
uji 2	5	141.0840	29.47288	13.18067	104.4886	177.6794	99.80	181.28
uji 3	5	153.2400	19.56444	8.74948	128.9475	177.5325	121.35	173.25
Total	25	135.0308	25.03334	5.00667	124.6975	145.3641	89.60	181.28

Test of Homogeneity of Variances

Sampel

Levene Statistic	df1	df2	Sig.
.741	4	20	.575

ANOVA

Sampel

	Sum of Squares	Df	Mean Square	F	Sig.
Between Groups	7665.491	4	1916.373	5.197	.005
Within Groups	7374.542	20	368.727		
Total	15040.033	24			

Lampiran 6
(LANJUTAN)

Multiple Comparisons

Sampel

LSD

(I) Durasitidur	(J) Durasitidur	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
kontrol	pembanding	-38.3480*	12.14458	.005	-63.6812	-13.0148
	uji 1	-.46400	12.14458	.970	-25.7972	24.8692
	uji 2	-27.0780*	12.14458	.037	-52.4112	-1.7448
	uji 3	-39.2340*	12.14458	.004	-64.5672	-13.9008
pembanding	kontrol	38.3480*	12.14458	.005	13.0148	63.6812
	uji 1	37.8840*	12.14458	.005	12.5508	63.2172
	uji 2	11.27000	12.14458	.364	-14.0632	36.6032
	uji 3	-.88600	12.14458	.943	-26.2192	24.4472
uji 1	kontrol	.46400	12.14458	.970	-24.8692	25.7972
	pembanding	-37.8840*	12.14458	.005	-63.2172	-12.5508
	uji 2	-26.6140*	12.14458	.040	-51.9472	-1.2808
	uji 3	-38.7700*	12.14458	.005	-64.1032	-13.4368
uji 2	kontrol	27.0780*	12.14458	.037	1.7448	52.4112
	pembanding	-11.27000	12.14458	.364	-36.6032	14.0632
	uji 1	26.6140*	12.14458	.040	1.2808	51.9472
	uji 3	-12.15600	12.14458	.329	-37.4892	13.1772
uji 3	kontrol	39.2340*	12.14458	.004	13.9008	64.5672
	pembanding	.88600	12.14458	.943	-24.4472	26.2192
	uji 1	38.7700*	12.14458	.005	13.4368	64.1032
	uji 2	12.15600	12.14458	.329	-13.1772	37.4892

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