

## Lampiran A

### Surat Determinasi Tanaman



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**SURAT KETERANGAN IDENTIFIKASI**  
No. 681 /IPH.3.04/HM/V/2010

Kepala UPT Balai Konservasi Tumbuhan Kebun Raya Purwodadi  
dengan ini menerangkan bahwa material tanaman yang dibawa oleh :

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datang di UPT Balai Konservasi Tumbuhan Kebun Raya Purwodadi pada tanggal  
24 Mei 2010 berdasarkan buku PROSEA Plant Resources of South-East Asia 8;  
Vegetables, karangan J.S Siemonsma dan Kasem Piluck, tahun 1994, halaman  
213-214, nama ilmiahnya adalah:

|         |                                         |
|---------|-----------------------------------------|
| Marga   | : <i>Moringa</i>                        |
| Jenis   | : <i>Moringa oleifera</i> Lamk          |
| Sinonim | : <i>Moringa pterygosperma</i> Gaertner |

Adapun menurut buku The Standard Cyclopedia of Horticulture, karangan L.H.  
Bailey, jilid I, tahun 1953, halaman 3, klasifikasinya adalah sebagai berikut:

|               |                         |
|---------------|-------------------------|
| Divisio       | : <i>Spermatophyta</i>  |
| Sub Divisio   | : <i>Angiospermae</i>   |
| Kelas         | : <i>Dicotyledoneae</i> |
| Ordo / Bangsa | : <i>Rhoecadales</i>    |
| Family / Suku | : <i>Moringaceae</i>    |

Demikian surat keterangan ini dibuat untuk dapat dipergunakan  
sebagaimana mestinya.

Purwodadi, 27 Mei 2010

An. Kepala

UPT Balai Konservasi Tumbuhan  
Kebun Raya Purwodadi  
Koordinator Unit Jasa dan Informasi,



**W A R D A Y A**  
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## LAMPIRAN B PERHITUNGAN SPSS

PenurunanKGD BY Dosis  
 /STATISTICS DESCRIPTIVES EFFECTS HOMOGENEITY  
 BROWNFORSYTHE WELCH  
 /PLOT MEANS  
 /MISSING ANALYSIS  
 /POSTHOC = TUKEY ALPHA(.05).

Oneway

[DataSet1] C:\Documents and Settings\user\My Documents\Fei-  
 Fei\papa\revisi.sav

### Descriptives

|                   |                | N  | Mean    | Std. Deviation | Std. Error | 95% Confidence Interval for Mean |             | Minimum | Maximum | Between-Component Variance |
|-------------------|----------------|----|---------|----------------|------------|----------------------------------|-------------|---------|---------|----------------------------|
|                   |                |    |         |                |            | Lower Bound                      | Upper Bound |         |         |                            |
| KGD               |                |    |         |                |            |                                  |             |         |         |                            |
| Kontrol negatif   |                | 5  | -200.20 | 43.866         | 19.617     | -254.67                          | -145.73     | -256    | -148    |                            |
| kontrol positif   |                | 5  | 232.40  | 31.310         | 14.002     | 193.52                           | 271.28      | 203     | 271     |                            |
| kelor 100mg/kgbb  |                | 5  | 211.20  | 81.763         | 36.566     | 109.68                           | 312.72      | 137     | 350     |                            |
| kelor 200mg/kgbb  |                | 5  | 268.80  | 65.366         | 29.233     | 187.64                           | 349.96      | 215     | 351     |                            |
| kelor 300 mg/kgbb |                | 5  | 273.60  | 104.105        | 46.557     | 144.34                           | 402.86      | 137     | 369     |                            |
| Total             |                | 25 | 157.16  | 194.759        | 38.952     | 76.77                            | 237.55      | -256    | 369     |                            |
| Model             | Fixed Effects  |    |         | 70.285         | 14.057     | 127.84                           | 186.48      |         |         | 39589.320                  |
|                   | Random Effects |    |         |                | 90.086     | -92.96                           | 407.28      |         |         |                            |

### Test of Homogeneity of Variances

KGD

| Levene Statistic | df1 | df2 | Sig. |
|------------------|-----|-----|------|
| 2.903            | 4   | 20  | .048 |

### ANOVA

KGD

|                | Sum of Squares | df | Mean Square | F      | Sig. |
|----------------|----------------|----|-------------|--------|------|
| Between Groups | 811546.6       | 4  | 202886.640  | 41.070 | .000 |
| Within Groups  | 98800.800      | 20 | 4940.040    |        |      |
| Total          | 910347.4       | 24 |             |        |      |

### Robust Tests of Equality of Means

KGD

|                | Statistic <sup>a</sup> | df1 | df2    | Sig. |
|----------------|------------------------|-----|--------|------|
| Welch          | 77.250                 | 4   | 9.570  | .000 |
| Brown-Forsythe | 41.070                 | 4   | 13.186 | .000 |

a. Asymptotically F distributed.

### Post Hoc Tests

#### Multiple Comparisons

Dependent Variable: KGD

Tukey HSD

| (I) Dosis         | (J) Dosis         | Mean Difference (I-J) | Std. Error | Sig.  | 95% Confidence Interval |             |
|-------------------|-------------------|-----------------------|------------|-------|-------------------------|-------------|
|                   |                   |                       |            |       | Lower Bound             | Upper Bound |
| Kontrol negativ   | kontrol positif   | -432.600*             | 44.452     | .000  | -565.62                 | -299.58     |
|                   | kelor 100mg/kgbt  | -411.400*             | 44.452     | .000  | -544.42                 | -278.38     |
|                   | kelor 200mg/kgbt  | -469.000*             | 44.452     | .000  | -602.02                 | -335.98     |
|                   | kelor 300 mg/kgbt | -473.800*             | 44.452     | .000  | -606.82                 | -340.78     |
| kontrol positif   | Kontrol negativ   | 432.600*              | 44.452     | .000  | 299.58                  | 565.62      |
|                   | kelor 100mg/kgbt  | 21.200                | 44.452     | .989  | -111.82                 | 154.22      |
|                   | kelor 200mg/kgbt  | -36.400               | 44.452     | .922  | -169.42                 | 96.62       |
|                   | kelor 300 mg/kgbt | -41.200               | 44.452     | .883  | -174.22                 | 91.82       |
| kelor 100mg/kgbt  | Kontrol negativ   | 411.400*              | 44.452     | .000  | 278.38                  | 544.42      |
|                   | kontrol positif   | -21.200               | 44.452     | .989  | -154.22                 | 111.82      |
|                   | kelor 200mg/kgbt  | -57.600               | 44.452     | .697  | -190.62                 | 75.42       |
|                   | kelor 300 mg/kgbt | -62.400               | 44.452     | .632  | -195.42                 | 70.62       |
| kelor 200mg/kgbt  | Kontrol negativ   | 469.000*              | 44.452     | .000  | 335.98                  | 602.02      |
|                   | kontrol positif   | 36.400                | 44.452     | .922  | -96.62                  | 169.42      |
|                   | kelor 100mg/kgbt  | 57.600                | 44.452     | .697  | -75.42                  | 190.62      |
|                   | kelor 300 mg/kgbt | -4.800                | 44.452     | 1.000 | -137.82                 | 128.22      |
| kelor 300 mg/kgbt | Kontrol negativ   | 473.800*              | 44.452     | .000  | 340.78                  | 606.82      |
|                   | kontrol positif   | 41.200                | 44.452     | .883  | -91.82                  | 174.22      |
|                   | kelor 100mg/kgbt  | 62.400                | 44.452     | .632  | -70.62                  | 195.42      |
|                   | kelor 200mg/kgbt  | 4.800                 | 44.452     | 1.000 | -128.22                 | 137.82      |

\*. The mean difference is significant at the .05 level.

## Homogeneous Subsets

### KGD

Tukey HSD<sup>a</sup>

| Dosis             | N | Subset for alpha = .05 |        |
|-------------------|---|------------------------|--------|
|                   |   | 1                      | 2      |
| Kontrol negativ   | 5 | -200.20                |        |
| kelor 100mg/kgbb  | 5 |                        | 211.20 |
| kontrol positif   | 5 |                        | 232.40 |
| kelor 200mg/kgbb  | 5 |                        | 268.80 |
| kelor 300 mg/kgbb | 5 |                        | 273.60 |
| Sig.              |   | 1.000                  | .632   |

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 5.000.