

SUMMARY OF INDIVIDUAL RATINGS OF FACULTY MEMBERS
WITH MULTIPLE FUNCTIONS

Name of Faculty Member: Triana F. Soroño (Instructor I)

| Program Involvement | Percentage Weight of Involvement | Numerical Rating (Rating x %) | Equivalent Numerical Rating |
|--------------------------------------|--|-------------------------------------|-----------------------------------|
| (1) | (2) | (3) | (2x3) |
| 1. Instruction | | | |
| a. Head/Dean (50%) | 40.0% | 4.96 | 1.98 |
| b. Students (50%) | 40.0% | 4.00 | 1.60 |
| Total for Instruction | 80.0% | | 3.58 |
| 2. Research | | | |
| a. Client/Dir. for Research (50%) | 15.0% | 5.00 | 0.75 |
| b. Dept. Head /Center Director (50%) | | | |
| Total for Research | 15.0% | | 0.75 |
| 3. Extension | | | |
| a. Client/Dir. for Research (50%) | 0.0% | 0.00 | 0.00 |
| b. Dept. Head /Center Director (50%) | | | |
| Total for Extension | 0.0% | | 0.00 |
| 4. Administration | 5.0% | 4.96 | 0.25 |
| 5. Production | 0.0% | 0.00 | 0.00 |
| TOTAL | 100.0% | | 4.58 |

EQUIVALENT NUMERICAL RATING:4.58

Add: Additional Points, if any:

TOTAL NUMERICAL RATING:4.58

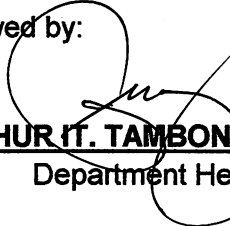
ADJECTIVAL RATING:

Outstanding

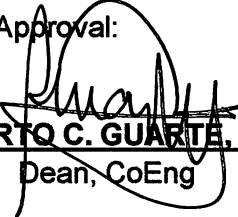
Prepared by:


TRIANA F. SOROÑO
Name of Faculty


Reviewed by:


ARTHUR T. TAMBONG, FPSAE
Department Head

Recommending Approval:


ROBERTO C. GUARTE, PhD.
Dean, CoEng

Approved by:


BEATRIZ S. BELONIAS, PhD.
VP for Instruction

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Figure 1. The effect of the concentration of the *Agrobacterium* suspension on the transformation efficiency of *Agrobacterium* strains. The number of cells in the suspension was 100 million cells/ml. The concentration of the suspension was 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1100, 1200, 1300, 1400, 1500, 1600, 1700, 1800, 1900, 2000, 2100, 2200, 2300, 2400, 2500, 2600, 2700, 2800, 2900, 3000, 3100, 3200, 3300, 3400, 3500, 3600, 3700, 3800, 3900, 4000, 4100, 4200, 4300, 4400, 4500, 4600, 4700, 4800, 4900, 5000, 5100, 5200, 5300, 5400, 5500, 5600, 5700, 5800, 5900, 6000, 6100, 6200, 6300, 6400, 6500, 6600, 6700, 6800, 6900, 7000, 7100, 7200, 7300, 7400, 7500, 7600, 7700, 7800, 7900, 8000, 8100, 8200, 8300, 8400, 8500, 8600, 8700, 8800, 8900, 9000, 9100, 9200, 9300, 9400, 9500, 9600, 9700, 9800, 9900, 10000, 10100, 10200, 10300, 10400, 10500, 10600, 10700, 10800, 10900, 11000, 11100, 11200, 11300, 11400, 11500, 11600, 11700, 11800, 11900, 12000, 12100, 12200, 12300, 12400, 12500, 12600, 12700, 12800, 12900, 13000, 13100, 13200, 13300, 13400, 13500, 13600, 13700, 13800, 13900, 14000, 14100, 14200, 14300, 14400, 14500, 14600, 14700, 14800, 14900, 15000, 15100, 15200, 15300, 15400, 15500, 15600, 15700, 15800, 15900, 16000, 16100, 16200, 16300, 16400, 16500, 16600, 16700, 16800, 16900, 17000, 17100, 17200, 17300, 17400, 17500, 17600, 17700, 17800, 17900, 18000, 18100, 18200, 18300, 18400, 18500, 18600, 18700, 18800, 18900, 19000, 19100, 19200, 19300, 19400, 19500, 19600, 19700, 19800, 19900, 20000, 20100, 20200, 20300, 20400, 20500, 20600, 20700, 20800, 20900, 21000, 21100, 21200, 21300, 21400, 21500, 21600, 21700, 21800, 21900, 22000, 22100, 22200, 22300, 22400, 22500, 22600, 22700, 22800, 22900, 23000, 23100, 23200, 23300, 23400, 23500, 23600, 23700, 23800, 23900, 24000, 24100, 24200, 24300, 24400, 24500, 24600, 24700, 24800, 24900, 25000, 25100, 25200, 25300, 25400, 25500, 25600, 25700, 25800, 25900, 26000, 26100, 26200, 26300, 26400, 26500, 26600, 26700, 26800, 26900, 27000, 27100, 27200, 27300, 27400, 27500, 27600, 27700, 27800, 27900, 28000, 28100, 28200, 28300, 28400, 28500, 28600, 28700, 28800, 28900, 29000, 29100, 29200, 29300, 29400, 29500, 29600, 29700, 29800, 29900, 30000, 30100, 30200, 30300, 30400, 30500, 30600, 30700, 30800, 30900, 31000, 31100, 31200, 31300, 31400, 31500, 31600, 31700, 31800, 31900, 32000, 32100, 32200, 32300, 32400, 32500, 32600, 32700, 32800, 32900, 33000, 33100, 33200, 33300, 33400, 33500, 33600, 33700, 33800, 33900, 34000, 34100, 34200, 34300, 34400, 34500, 34600, 34700, 34800, 34900, 35000, 35100, 35200, 35300, 35400, 35500, 35600, 35700, 35800, 35900, 36000, 36100, 36200, 36300, 36400, 36500, 36600, 36700, 36800, 36900, 37000, 37100, 37200, 37300, 37400, 37500, 37600, 37700, 37800, 37900, 38000, 38100, 38200, 38300, 38400, 38500, 38600, 38700, 38800, 38900, 39000, 39100, 39200, 39300, 39400, 39500, 39600, 39700, 39800, 39900, 40000, 40100, 40200, 40300, 40400, 40500, 40600, 40700, 40800, 40900, 41000, 41100, 41200, 41300, 41400, 41500, 41600, 41700, 41800, 41900, 42000, 42100, 42200, 42300, 42400, 42500, 42600, 42700, 42800, 42900, 43000, 43100, 43200, 43300, 43400, 43500, 43600, 43700, 43800, 43900, 44000, 44100, 44200, 44300, 44400, 44500, 44600, 44700, 44800, 44900, 45000, 45100, 45200, 45300, 45400, 45500, 45600, 45700, 45800, 45900, 46000, 46100, 46200, 46300, 46400, 46500, 46600, 46700, 46800, 46900, 47000, 47100, 47200, 47300, 47400, 47500, 47600, 47700, 47800, 47900, 48000, 48100, 48200, 48300, 48400, 48500, 48600, 48700, 48800, 48900, 49000, 49100, 49200, 49300, 49400, 49500, 49600, 49700, 49800, 49900, 50000, 50100, 50200, 50300, 50400, 50500, 50600, 50700, 50800, 50900, 51000, 51100, 51200, 51300, 51400, 51500, 51600, 51700, 51800, 51900, 52000, 52100, 52200, 52300, 52400, 52500, 52600, 52700, 52800, 52900, 53000, 53100, 53200, 53300, 53400, 53500, 53600, 53700, 53800, 53900, 54000, 54100, 54200, 54300, 54400, 54500, 54600, 54700, 54800, 54900, 55000, 55100, 55200, 55300, 55400, 55500, 55600, 55700, 55800, 55900, 56000, 56100, 56200, 56300, 56400, 56500, 56600, 56700, 56800, 56900, 57000, 57100, 57200, 57300, 57400, 57500, 57600, 57700, 57800, 57900, 58000, 58100, 58200, 58300, 58400, 58500, 58600, 58700, 58800, 58900, 59000, 59100, 592

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Figure 1. The effect of the concentration of the *Agrobacterium* suspension on the transformation efficiency of *Agrobacterium* strains. The concentration of the *Agrobacterium* suspension was 10⁶ cells/ml (○), 10⁷ cells/ml (□), 10⁸ cells/ml (△), and 10⁹ cells/ml (◇). The error bars represent the standard deviation of three independent experiments.

Figure 1. The effect of the concentration of the *Agrobacterium* suspension on the transformation efficiency of *Agrobacterium* strains. The *Agrobacterium* strains were grown in the YEA medium for 24 h at 28 °C. The cell concentration of the strains was adjusted to 10⁸ cells/ml. The cell suspension was mixed with the plant tissue and incubated for 24 h at 28 °C. The plant tissue was then cultured on the selective medium. The transformation efficiency was calculated as the number of transformants per 100 mg of plant tissue. The data were the mean of three independent experiments.

| Age Group | Percentage of respondents |
|-----------|---------------------------|
| 18-29 | ~85% |
| 30-49 | ~75% |
| 50-69 | ~65% |
| 70+ | ~55% |

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Figure 1. The effect of the concentration of the *Agrobacterium* suspension on the transformation efficiency of *Agrobacterium* strains. The concentration of the *Agrobacterium* suspension was 10⁶ cells/ml (a), 10⁷ cells/ml (b), and 10⁸ cells/ml (c). The concentration of the *Agrobacterium* suspension was 10⁶ cells/ml (a), 10⁷ cells/ml (b), and 10⁸ cells/ml (c). The concentration of the *Agrobacterium* suspension was 10⁶ cells/ml (a), 10⁷ cells/ml (b), and 10⁸ cells/ml (c).

1. *Phragmites australis* (Cav.) Trin. ex Steud.

| Age Group | Education Level | Percentage (%) |
|-----------|-----------------|----------------|
| 18-29 | High School | ~85 |
| | College | ~90 |
| | Graduate | ~95 |
| 30-49 | High School | ~75 |
| | College | ~85 |
| | Graduate | ~90 |
| 50-69 | High School | ~65 |
| | College | ~75 |
| | Graduate | ~85 |
| 70+ | High School | ~55 |
| | College | ~65 |
| | Graduate | ~75 |

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|--|--|---|------------------------------------|---|---|---|---------------|---|---|------|---|
| | | Number of BS Degree Programs maintained for OBE-alignment | OBE-alignment of old BS curriculum | Conducts initial activities of curriculum revision into an OBE-aligned curriculum | 1 | 1 | 5 | 5 | 5 | 5.0 | OBE-alignment of BSAE |
| | | Number of maintained Center of Excellence (COE) status designated by CHED | Updating and maintaining documents | Updates and maintains documents re Center of Excellence (COE) | 1 | 1 | 5 | 5 | 5 | 5.0 | Center of Excellence in BSAE degree program |
| | | Number of AACUP Accreditation maintained | Updating and maintaining documents | Updates and maintains documents re AACUP | 1 | 1 | 5 | 5 | 5 | 5.0 | BSAE Level III Phase 2 |
| | | Number of ISO 9001:2015 applied | Preparing/ Encoding/ Printing | Prepares documents for ISO 9001:2015 application | 1 | 1 | 5 | 5 | 5 | 5.0 | ISO 9001:2015 Certification |
| | | | | | | | Total points: | | | 39.7 | |

UMFO 3. RESEARCH SERVICES

| | | | | | | | | | | | |
|--|--|--|---------------------------|--|-----|-----|---------------|---|---|------|--|
| | | PI 3. Number of research projects conducted and/or completed on schedule | Conducting research study | Conducts research project and/or completed on schedule | 1 | 1 | 5 | 5 | 5 | 5.0 | Climate Change Project (CC3.DAE.1718) |
| | | PI 7. Amount of research money generated from institutional funding (Thousand PHP) | Research project | Prepares and submits project proposal funding | 122 | 122 | 5 | 5 | 5 | 5.0 | Project No.: CC3.DAE.1718 - 2018 budget: P122,090.40 |
| | | | | | | | Total points: | | | 10.0 | |

UMFO 5. SUPPORT TO OPERATIONS (STO)

OVPI MFO 3. Faculty Evaluation Services

| | | | | | | | | | | | |
|--|--|--|----------------|---|---|---|---|---|---|-----|-----------------------|
| | | PI 1. Number of seminars/ trainings/conventions/ workshops coordinated for entire university | As participant | Participates seminars/ trainings/conventions/ workshops coordinated for entire university | 1 | 3 | 5 | 5 | 5 | 5.0 | 2 seminar, 1 training |
|--|--|--|----------------|---|---|---|---|---|---|-----|-----------------------|

OVPI MFO 4. Program and Institutional Accreditation Services

| | | | | | | | | | | | |
|--|--|--|-------------------------|-------------------------|------|------|---------------|---|---|------|--|
| | | PI 1. Number of degree programs which passed accreditation/evaluation at least Level I | Documenting/ Monitoring | Documents/Monitors | 1 | 1 | 5 | 5 | 5 | 5.0 | BSAE |
| | | PI 3. Percentage of degree program compliant with CHED | Documenting/ Monitoring | Documents/Monitors | 100% | 100% | 5 | 5 | 5 | 5.0 | 100% complied with CHED (BSAE, BSABE & MSAE degree programs) |
| | | PI 4. Additional outputs | | | | | | | | | |
| | | Number of activities organized/attended/ assisted/participated/ facilitated | Participating | Participates activities | 2 | 2 | 5 | 4 | 5 | 4.7 | PSAE activities |
| | | | | | | | Total points: | | | 19.7 | |

UMFO 6. GENERAL ADMINISTRATION & SUPPORT SERVICES

| | | | | | | | | | | | |
|--|--|--|---|--|------|---------------|-------------|---|---|------|--|
| | | PI 1. Efficient and customer-friendly frontline service | Service | Served clients with courtesy; immediate response to client needs and inquiries | 100% | 100% | 5 | 5 | 5 | 5.0 | 100% no complaint; Served clients with courtesy; immediate response to client needs and inquiries |
| | | PI 2. Additional outputs | | | | | | | | | |
| | | Number of documents attended and served | Checking and action to official documents | Approves documents as OIC Head | 10 | 85 | 5 | 5 | 5 | 5.0 | Varied documents |
| | | Best Practices/New Initiatives: | | | | | | | | | |
| | | Number of Application for ISO (Prepared) - on-going | Preparing/ Encoding/ Printing | Prepares documents for ISO 9001:2015 application | 1 | 1 | 5 | 5 | 5 | 5.0 | On-going |
| | | Number of Application for CHED Center of Excellence | Updating and maintaining documents | Updates and maintains documents re Center of Excellence (COE) | 1 | 1 | 5 | 5 | 5 | 5.0 | BSAE/BSABE |
| | | | | | | Total points: | | | | 20.0 | Comments & Recommendations for Development Purpose: <i>Analyze results of student evaluations and act accordingly for performance improvement.</i> |
| Total Over-all Rating | | | | | | | 89.333 | | | | |
| Average Rating | | | | | | | 4.963 | | | | |
| Additional points: | | | | | | | | | | | |
| Approved additional points (with copy of approval) : | | | | | | | | | | | |
| Final Rating | | | | | | | 4.963 | | | | |
| Adjectival Rating | | | | | | | Outstanding | | | | |

Evaluated and Rated by:

ARTHUR IT. TAMBONG, PRSAE
Head, DAE
Date: _____

Recommending Approval:

ROBERTO C. GUARTE, Ph.D.
Dean, CoEng
Date: _____

Approved:

BEATRIZ S. BELONIAS, Ph.D.
Vice Pres. for Instruction
Date: _____

| Year | Month | Day | Time | Location | Remarks |
|------|-------|-----|-------|----------|-----------------------|
| 1900 | Jan | 1 | 10:00 | St. Paul | Arrived from St. Paul |
| 1900 | Jan | 2 | 10:00 | St. Paul | Arrived from St. Paul |
| 1900 | Jan | 3 | 10:00 | St. Paul | Arrived from St. Paul |
| 1900 | Jan | 4 | 10:00 | St. Paul | Arrived from St. Paul |
| 1900 | Jan | 5 | 10:00 | St. Paul | Arrived from St. Paul |
| 1900 | Jan | 6 | 10:00 | St. Paul | Arrived from St. Paul |
| 1900 | Jan | 7 | 10:00 | St. Paul | Arrived from St. Paul |
| 1900 | Jan | 8 | 10:00 | St. Paul | Arrived from St. Paul |
| 1900 | Jan | 9 | 10:00 | St. Paul | Arrived from St. Paul |
| 1900 | Jan | 10 | 10:00 | St. Paul | Arrived from St. Paul |
| 1900 | Jan | 11 | 10:00 | St. Paul | Arrived from St. Paul |
| 1900 | Jan | 12 | 10:00 | St. Paul | Arrived from St. Paul |
| 1900 | Jan | 13 | 10:00 | St. Paul | Arrived from St. Paul |
| 1900 | Jan | 14 | 10:00 | St. Paul | Arrived from St. Paul |
| 1900 | Jan | 15 | 10:00 | St. Paul | Arrived from St. Paul |
| 1900 | Jan | 16 | 10:00 | St. Paul | Arrived from St. Paul |
| 1900 | Jan | 17 | 10:00 | St. Paul | Arrived from St. Paul |
| 1900 | Jan | 18 | 10:00 | St. Paul | Arrived from St. Paul |
| 1900 | Jan | 19 | 10:00 | St. Paul | Arrived from St. Paul |
| 1900 | Jan | 20 | 10:00 | St. Paul | Arrived from St. Paul |
| 1900 | Jan | 21 | 10:00 | St. Paul | Arrived from St. Paul |
| 1900 | Jan | 22 | 10:00 | St. Paul | Arrived from St. Paul |
| 1900 | Jan | 23 | 10:00 | St. Paul | Arrived from St. Paul |
| 1900 | Jan | 24 | 10:00 | St. Paul | Arrived from St. Paul |
| 1900 | Jan | 25 | 10:00 | St. Paul | Arrived from St. Paul |
| 1900 | Jan | 26 | 10:00 | St. Paul | Arrived from St. Paul |
| 1900 | Jan | 27 | 10:00 | St. Paul | Arrived from St. Paul |
| 1900 | Jan | 28 | 10:00 | St. Paul | Arrived from St. Paul |
| 1900 | Jan | 29 | 10:00 | St. Paul | Arrived from St. Paul |
| 1900 | Jan | 30 | 10:00 | St. Paul | Arrived from St. Paul |
| 1900 | Jan | 31 | 10:00 | St. Paul | Arrived from St. Paul |



Visayas State University
College of Engineering
Department of Agricultural Engineering
Visca, Baybay City 6521, Leyte, Philippines

EMPLOYEE DEVELOPMENT PLAN

Name of Employee: **Engr. Triana F. Soroño**

Performance rating: **4.675 (Outstanding)**

Aim: Engr. Soroño as an effective ABE instructor in the Soil and Water specialization

Proposed Interventions to Improve Performance:

Engr. Soroño will be developed to become good faculty in the Soil and Water specialization.

Date: January 2018

Target Date: June 2018

First Step

- Engr. Soroño will be assigned to make new OBE-compliant syllabi in the Soil and Water courses in preparation for the next semester following CMO 94, series of 2017 (Policies, Standards and guidelines for BS Agricultural and Biosystems Engineering).

Results:

- Completed First draft of the syllabus

Date: July 2018

Target Date: December 2018

Next Step:

- Revision and improvement of the syllabus as corrected by the DAE Head.

Outcomes:

- Improved syllabi compliant to OBE

Next step/Recommendations:

- Engr. Soroño will be assigned to teach Soil and Water subjects using the improved syllabi.

Date: Dec. 2018

Target Date: June 2019

Next Step:

- Sustain and further improve syllabi-guided teaching compliant to OBE

Outcomes:

- (no data yet for next year)

Prepared by:

ARTHUR JT. TAMBONG, FPSAE

Head, DAE

Conforme:

ENGR. TRIANA F. SOROÑO

Instructor

| | |
|---|---|
| <p>1. <i>Chlorophyll a</i> (mg/g)</p> <p>2. <i>Chlorophyll b</i> (mg/g)</p> <p>3. <i>Chlorophyll a + b</i> (mg/g)</p> <p>4. <i>Carotenoids</i> (mg/g)</p> <p>5. <i>Protein</i> (mg/g)</p> <p>6. <i>Starch</i> (mg/g)</p> <p>7. <i>Cellulose</i> (mg/g)</p> <p>8. <i>Hemicellulose</i> (mg/g)</p> <p>9. <i>Lignin</i> (mg/g)</p> <p>10. <i>Phenolics</i> (mg/g)</p> <p>11. <i>Flavonoids</i> (mg/g)</p> <p>12. <i>Anthracenes</i> (mg/g)</p> <p>13. <i>Terpenoids</i> (mg/g)</p> <p>14. <i>Alkaloids</i> (mg/g)</p> <p>15. <i>Saponins</i> (mg/g)</p> <p>16. <i>Glycosides</i> (mg/g)</p> <p>17. <i>Phenols</i> (mg/g)</p> <p>18. <i>Aldehydes</i> (mg/g)</p> <p>19. <i>Ketones</i> (mg/g)</p> <p>20. <i>Esters</i> (mg/g)</p> <p>21. <i>Acids</i> (mg/g)</p> <p>22. <i>Alcohols</i> (mg/g)</p> <p>23. <i>Amines</i> (mg/g)</p> <p>24. <i>Nitrogen</i> (mg/g)</p> <p>25. <i>Phosphorus</i> (mg/g)</p> <p>26. <i>Potassium</i> (mg/g)</p> <p>27. <i>Sodium</i> (mg/g)</p> <p>28. <i>Calcium</i> (mg/g)</p> <p>29. <i>Magnesium</i> (mg/g)</p> <p>30. <i>Iron</i> (mg/g)</p> <p>31. <i>Zinc</i> (mg/g)</p> <p>32. <i>Copper</i> (mg/g)</p> <p>33. <i>Manganese</i> (mg/g)</p> <p>34. <i>Selenium</i> (mg/g)</p> <p>35. <i>Chlorine</i> (mg/g)</p> <p>36. <i>Bromine</i> (mg/g)</p> <p>37. <i>Iodine</i> (mg/g)</p> <p>38. <i>Sulfur</i> (mg/g)</p> <p>39. <i>Fluorine</i> (mg/g)</p> <p>40. <i>Other elements</i> (mg/g)</p> | <p>1. <i>Chlorophyll a</i> (mg/g)</p> <p>2. <i>Chlorophyll b</i> (mg/g)</p> <p>3. <i>Chlorophyll a + b</i> (mg/g)</p> <p>4. <i>Carotenoids</i> (mg/g)</p> <p>5. <i>Protein</i> (mg/g)</p> <p>6. <i>Starch</i> (mg/g)</p> <p>7. <i>Cellulose</i> (mg/g)</p> <p>8. <i>Hemicellulose</i> (mg/g)</p> <p>9. <i>Lignin</i> (mg/g)</p> <p>10. <i>Phenolics</i> (mg/g)</p> <p>11. <i>Flavonoids</i> (mg/g)</p> <p>12. <i>Anthracenes</i> (mg/g)</p> <p>13. <i>Terpenoids</i> (mg/g)</p> <p>14. <i>Alkaloids</i> (mg/g)</p> <p>15. <i>Saponins</i> (mg/g)</p> <p>16. <i>Glycosides</i> (mg/g)</p> <p>17. <i>Phenols</i> (mg/g)</p> <p>18. <i>Aldehydes</i> (mg/g)</p> <p>19. <i>Ketones</i> (mg/g)</p> <p>20. <i>Esters</i> (mg/g)</p> <p>21. <i>Acids</i> (mg/g)</p> <p>22. <i>Alcohols</i> (mg/g)</p> <p>23. <i>Amines</i> (mg/g)</p> <p>24. <i>Nitrogen</i> (mg/g)</p> <p>25. <i>Phosphorus</i> (mg/g)</p> <p>26. <i>Potassium</i> (mg/g)</p> <p>27. <i>Sodium</i> (mg/g)</p> <p>28. <i>Calcium</i> (mg/g)</p> <p>29. <i>Magnesium</i> (mg/g)</p> <p>30. <i>Iron</i> (mg/g)</p> <p>31. <i>Zinc</i> (mg/g)</p> <p>32. <i>Copper</i> (mg/g)</p> <p>33. <i>Manganese</i> (mg/g)</p> <p>34. <i>Selenium</i> (mg/g)</p> <p>35. <i>Chlorine</i> (mg/g)</p> <p>36. <i>Bromine</i> (mg/g)</p> <p>37. <i>Iodine</i> (mg/g)</p> <p>38. <i>Sulfur</i> (mg/g)</p> <p>39. <i>Fluorine</i> (mg/g)</p> <p>40. <i>Other elements</i> (mg/g)</p> |
|---|---|

...the ...

Figure 1. The effect of the concentration of the *Agrobacterium* suspension on the transformation efficiency of *Agrobacterium* strains. The concentration of the *Agrobacterium* suspension was 10⁶ cells/ml (○), 10⁷ cells/ml (□), 10⁸ cells/ml (△), and 10⁹ cells/ml (◇). The error bars represent the standard deviation of three independent experiments.

[illegible][illegible]