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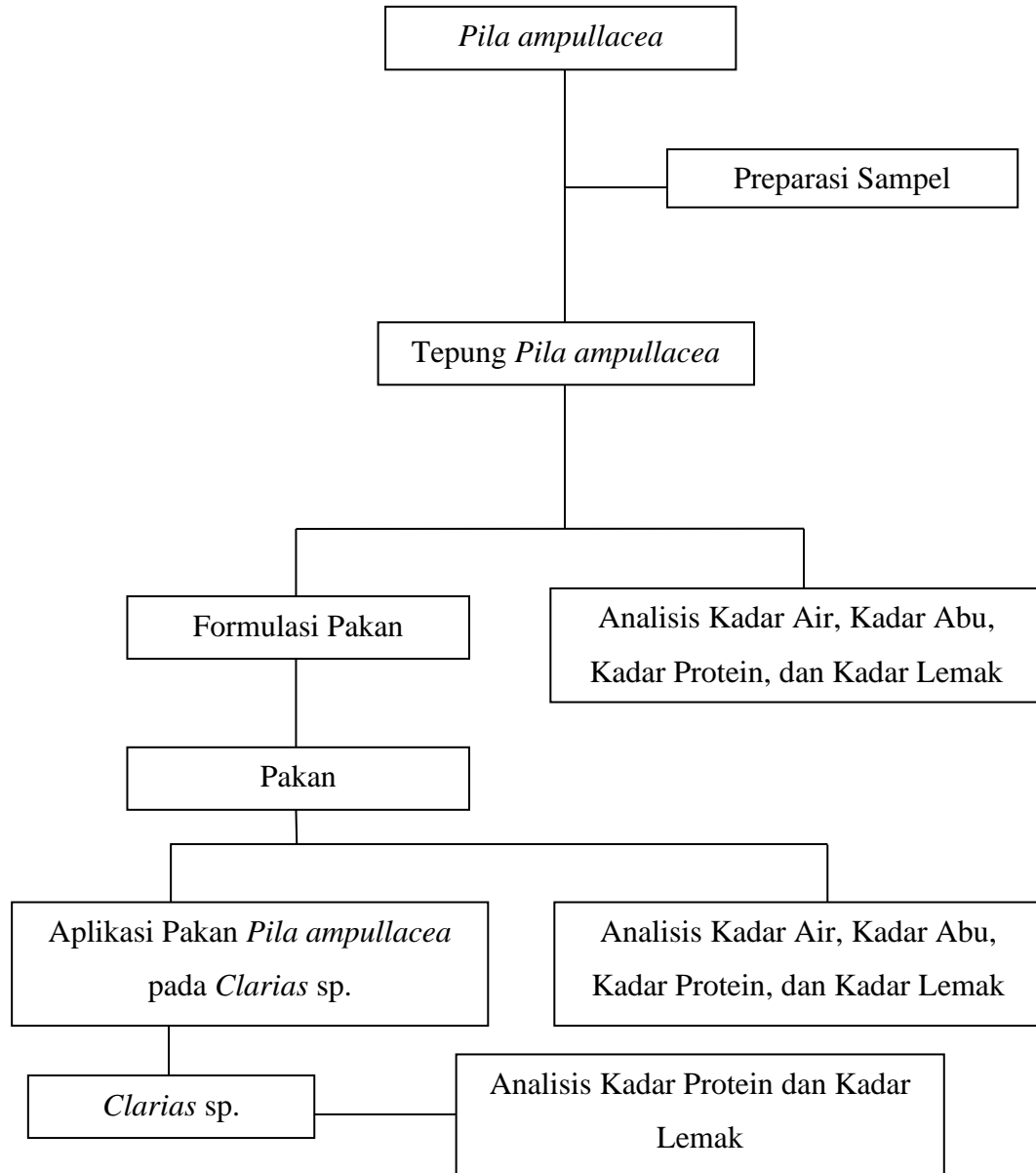
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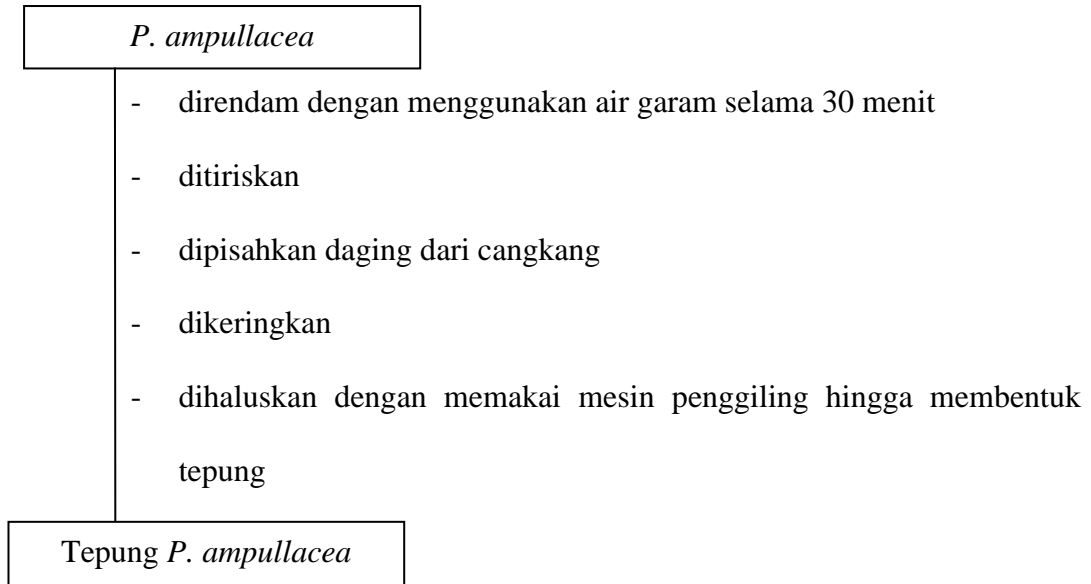
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Lampiran 1. Diagram Alir

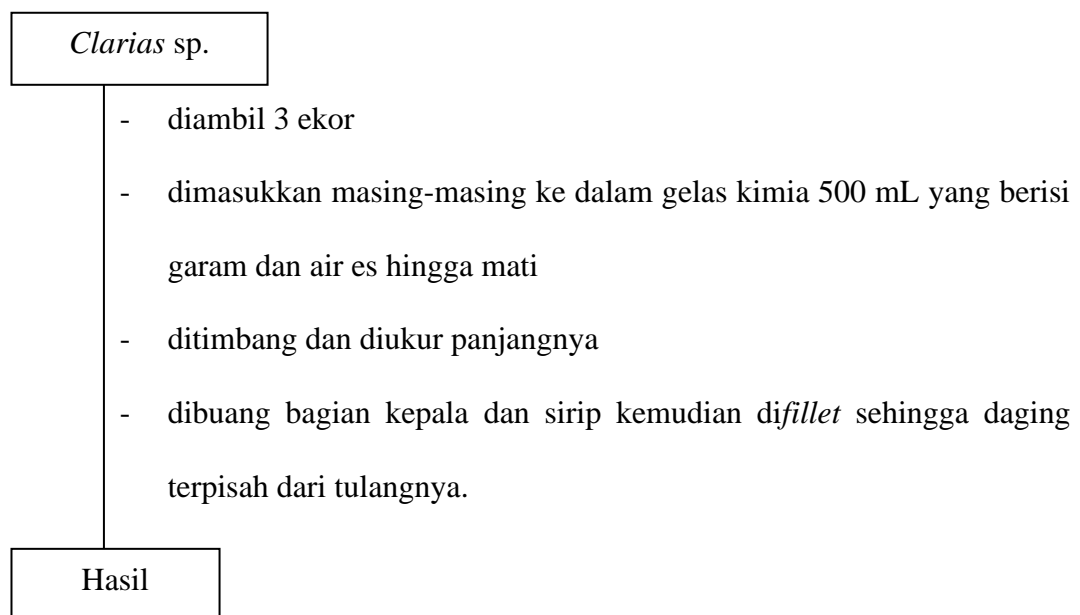


Lampiran 2. Bagan Kerja

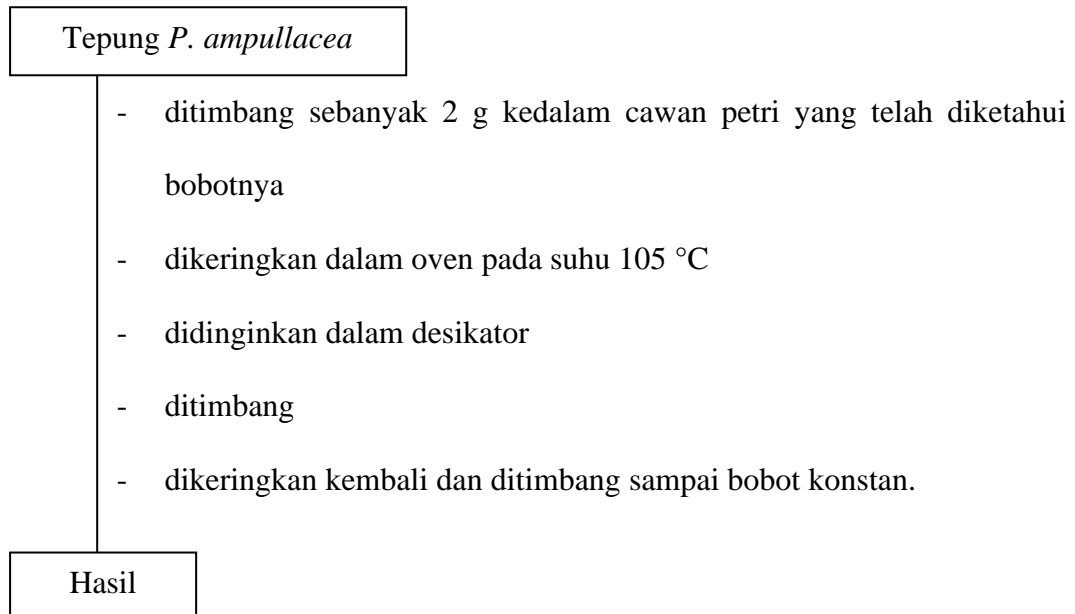
1. Preparasi Sampel *P. ampullacea*



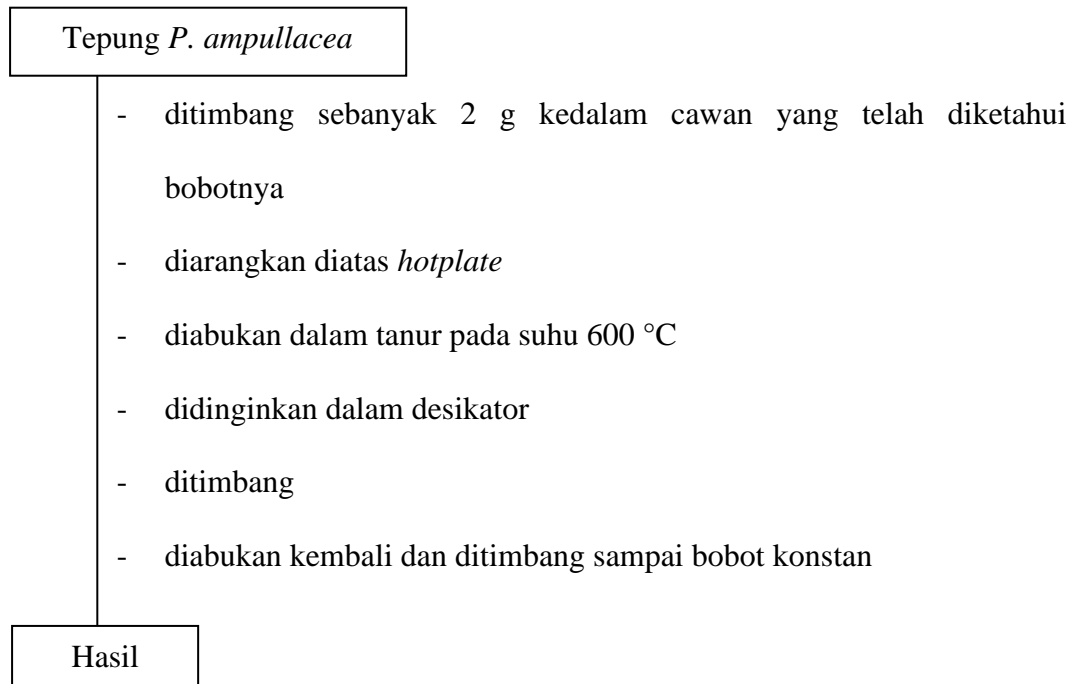
2. Preparasi Sampel *Clarias sp.*



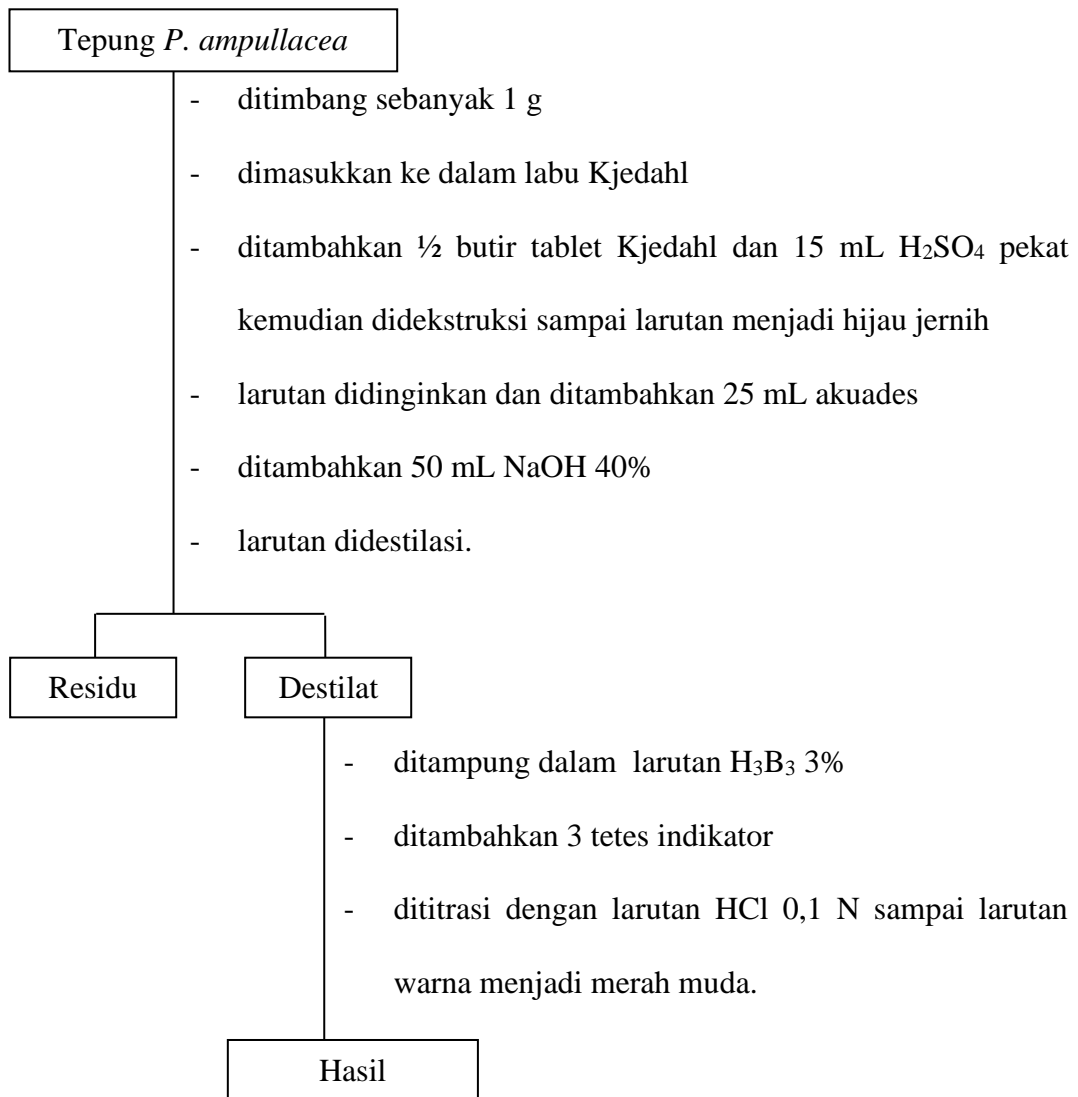
3. Pengukuran Kadar Air



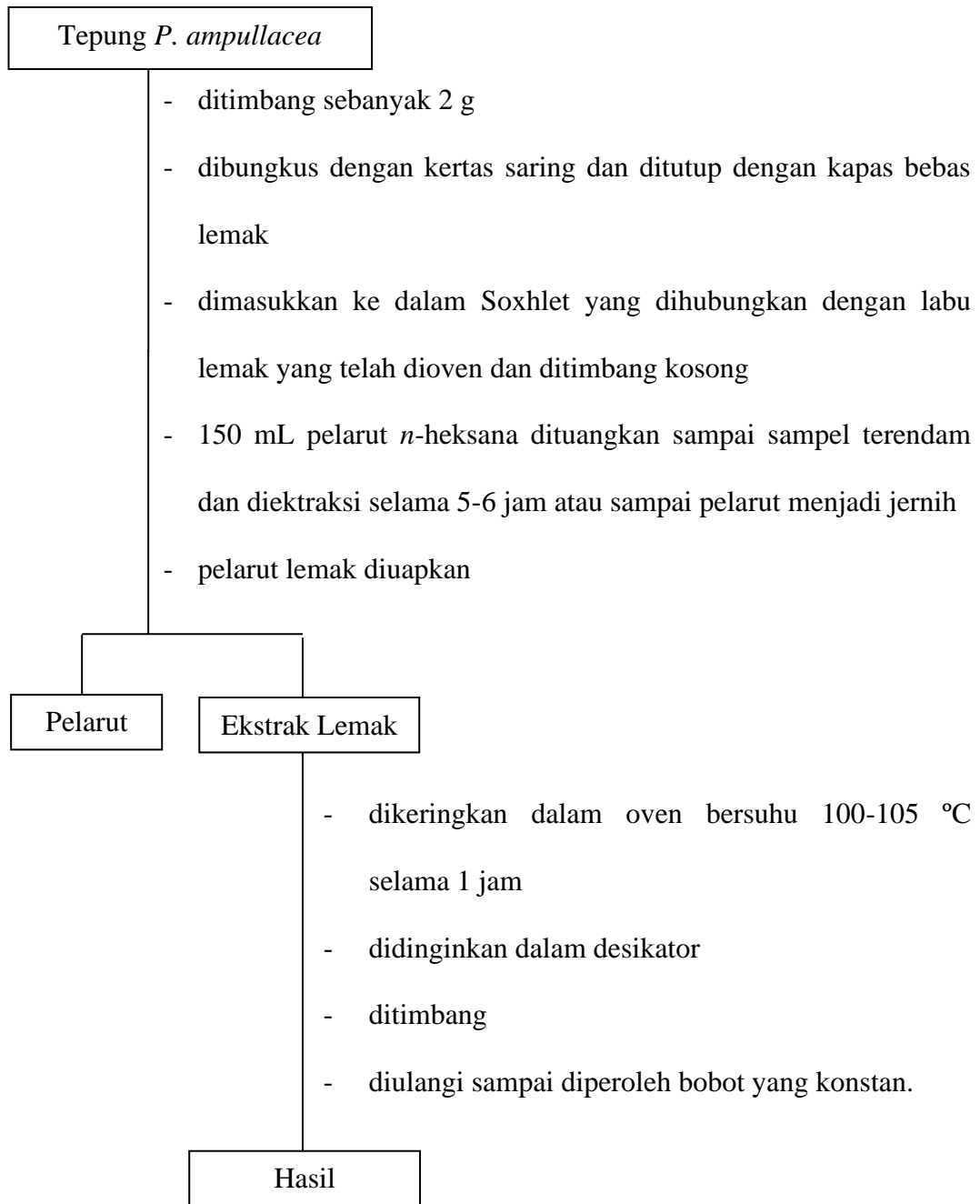
4. Pengukuran Kadar Abu



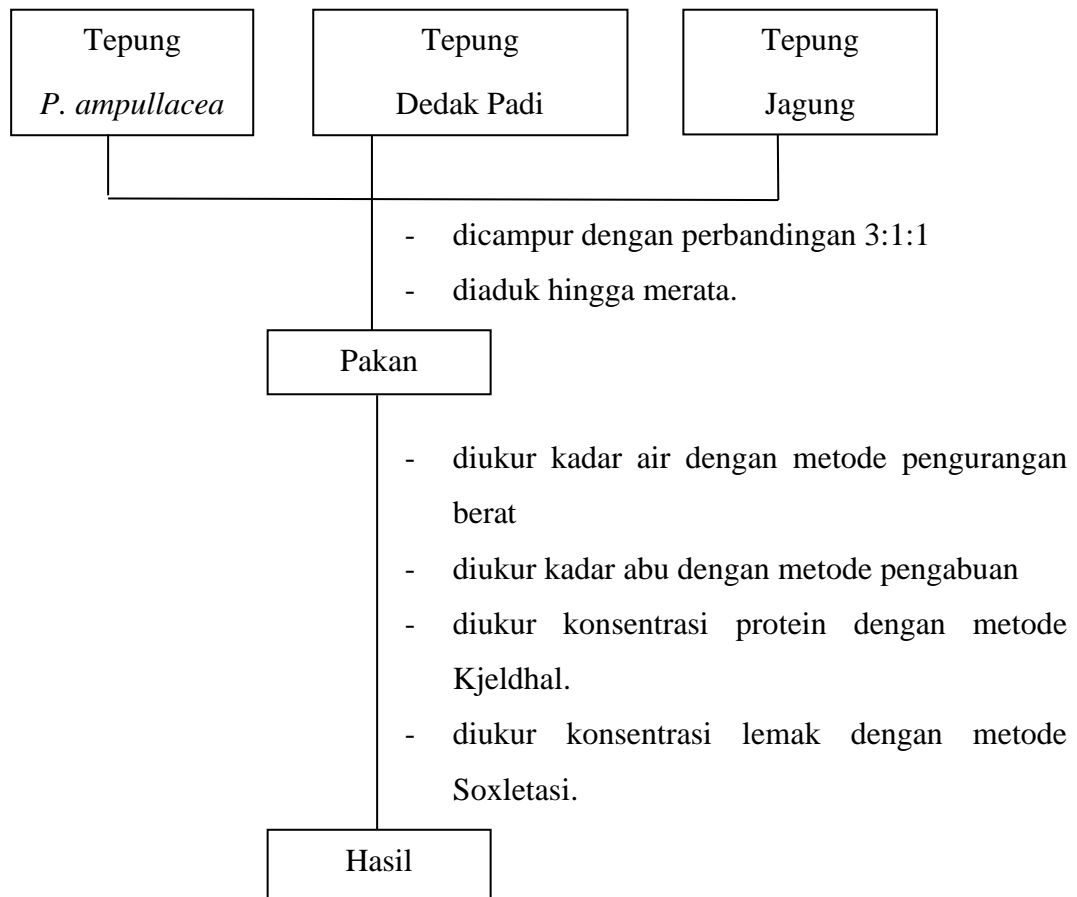
5. Pengukuran Kadar Protein



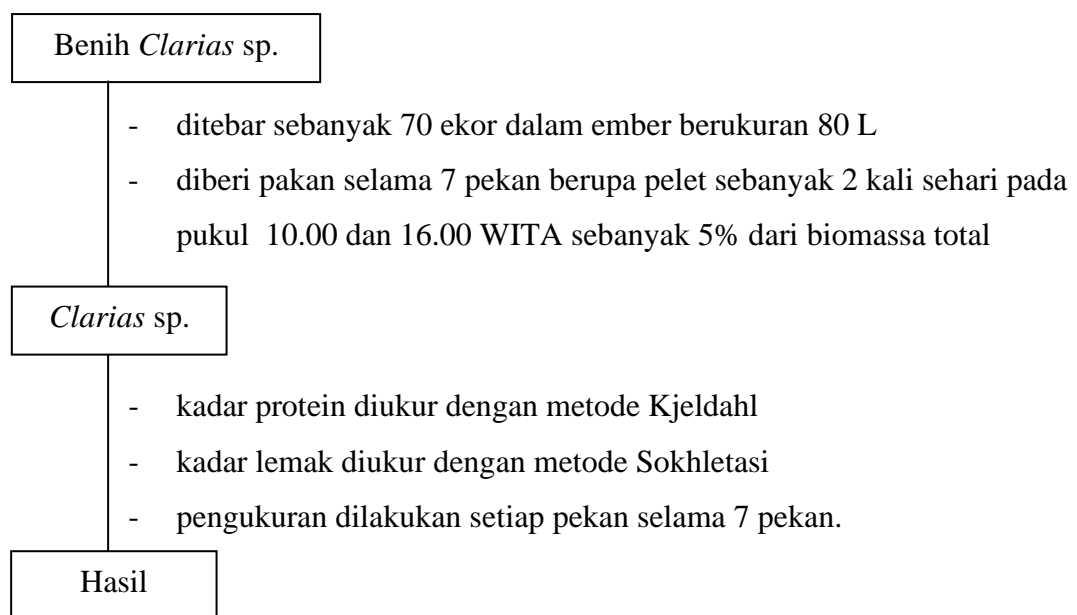
6. Pengukuran Kadar Lemak



7. Pembuatan dan Analisis Potensi Pakan *P. ampullacea*



8. Aplikasi Pakan *P. ampullacea*



Lampiran 3. Dokumentasi Penelitian



Pengambilan sampel *P. ampullacea*



Sampel *P. ampullacea*



Preparasi sampel *P. ampullacea*



Pengeringan sampel *P. ampullacea*



Sampel *P. ampullacea* kering



Tepung *P. ampullacea*



Tepung Pakan *P. ampullacea*



Analisis Kadar Air



Analisis Kadar Abu



Proses destruksi (Analisis kadar protein metode *Kjeldhal*)



Proses destilasi (Analisis kadar protein metode *Kjeldhal*)



Proses soxletasi (Analisis kadar lemak metode *Soxhlet*)



Pengukuran Panjang *Clarias* sp.



Pengukuran Bobot *Clarias* sp.



Clarias sp. pakan VITE FF-999
pekan ke-1



Clarias sp. pakan *P. ampullacea*
pekan ke-1



Clarias sp. pakan VITE FF-999
pekan ke-2



Clarias sp. pakan *P. ampullacea*
pekan ke-2



Clarias sp. pakan VITE FF-999
pekan ke-3



Clarias sp. pakan *P. ampullacea*
pekan ke-3



Clarias sp. pakan VITE FF-999
pekan ke-4



Clarias sp. pakan *P. ampullacea*
pekan ke-4



Clarias sp. pakan VITE FF-999
pekan ke-5



Clarias sp. pakan *P. ampullacea*
pekan ke-5



Clarias sp. pakan VITE FF-999
pekan ke-6



Clarias sp. pakan *P. ampullacea*
pekan ke-6



Clarias sp. pakan VITE FF-999
pekan ke-7



Clarias sp. pakan *P. ampullacea*
pekan ke-7

Lampiran 4. Perhitungan Hasil Analisis Sampel

1. Kadar Air

1.1 Sampel *P. ampullacea*

$$\text{Bobot cawan petri kosong (A)} = 46,1162 \text{ g}$$

$$\text{Bobot cawan petri + sampel tetap (C)} = 47,9573 \text{ g}$$

$$\text{Berat sampel awal (B)} = 2,0006 \text{ g}$$

$$\text{Kadar air} = \frac{B - (C - A)}{B} \times 100\%$$

$$\begin{aligned} \text{Kadar air} &= \frac{2,0006 - (47,9573 - 46,1162)}{2,0006} \times 100\% \\ &= 7,97\% \end{aligned}$$

1.2 Pakan *P. ampullacea*

$$\text{Bobot cawan petri kosong (A)} = 48,9683 \text{ g}$$

$$\text{Bobot cawan petri + sampel tetap (C)} = 50,7660 \text{ g}$$

$$\text{Berat sampel awal (B)} = 2,0086 \text{ g}$$

$$\text{Kadar air} = \frac{B - (C - A)}{B} \times 100\%$$

$$\begin{aligned} \text{Kadar air} &= \frac{2,0086 - (50,7660 - 48,9683)}{2,0086} \times 100\% \\ &= 10,49\% \end{aligned}$$

1.3 Pakan VITE FF-999

$$\text{Bobot cawan petri kosong (A)} = 48,9852 \text{ g}$$

$$\text{Bobot cawan petri + sampel tetap (C)} = 50,7751 \text{ g}$$

$$\text{Berat sampel awal (B)} = 2,0017 \text{ g}$$

$$\text{Kadar air} = \frac{B - (C - A)}{B} \times 100\%$$

$$\begin{aligned} \text{Kadar air} &= \frac{2,0017 - (50,7751 - 48,9852)}{2,0017} \times 100\% \\ &= 10,53\% \end{aligned}$$

2. Kadar Abu

2.1 Sampel *P. ampullacea*

Bobot cawan porselin kosong (A) = 19,7564 g

Bobot cawan porselin + sampel awal (B) = 21,7568 g

Bobot cawan porselin + sampel tetap (C) = 19,9637 g

$$\text{Kadar abu} = \frac{C - A}{B - A} \times 100\%$$

$$\begin{aligned} \text{Kadar abu} &= \frac{19,9637 - 19,7564}{21,7568 - 19,7564} \times 100\% \\ &= 10,36\% \end{aligned}$$

2.2 Pakan *P. ampullacea*

Bobot cawan porselin kosong (A) = 18,4761 g

Bobot cawan porselin + sampel awal (B) = 20,4763 g

Bobot cawan porselin + sampel tetap (C) = 18,6414 g

$$\text{Kadar abu} = \frac{B - C}{B - A} \times 100\%$$

$$\begin{aligned} \text{Kadar abu} &= \frac{18,6414 - 18,4761}{20,4763 - 18,4761} \times 100\% \\ &= 8,26\% \end{aligned}$$

2.3 Pakan VITE FF-999

Bobot cawan porselin kosong (A) = 21,1004 g

Bobot cawan porselin + sampel awal (B) = 23,1007 g

Bobot cawan porselin + sampel tetap (C) = 21,3311 g

$$\text{Kadar abu} = \frac{B - C}{B - A} \times 100\%$$

$$\begin{aligned} \text{Kadar abu} &= \frac{21,3311 - 21,1004}{23,1007 - 21,1004} \times 100\% \\ &= 11,53\% \end{aligned}$$

3. Kadar Protein

3.1 Sampel *P. ampullacea*

$$\text{Berat Sampel (W)} = 1,0000 \text{ g}$$

$$\text{Volume Titiasi (V)} = 63,67 \text{ mL}$$

$$\text{Konsentrasi HCl (N)} = 0,09 \text{ mek/mL}$$

$$\text{BE Nitrogen} = 14,007 \text{ mg/mek}$$

$$\text{Faktor konversi protein (Fk)} = 6,25$$

$$\text{Kadar protein} = \frac{V \times N \text{ HCl} \times \text{BE Nitrogen} \times \text{Fk}}{W \times 1000} \times 100 \%$$

$$\begin{aligned} \text{Kadar protein} &= \frac{63,67 \text{ mL} \times 0,09 \frac{\text{mek}}{\text{mL}} \times 14,007 \frac{\text{mg}}{\text{mek}} \times 6,25}{1,0000 \times 1000 \text{ mg}} \times 100\% \\ &= 50,17\% \end{aligned}$$

3.2 Pakan *P. ampullacea*

$$\text{Berat Sampel (W)} = 1,0000 \text{ g}$$

$$\text{Volume Titiasi (V)} = 61,86 \text{ mL}$$

$$\text{Konsentrasi HCl (N)} = 0,09 \text{ mek/mL}$$

$$\text{BE Nitrogen} = 14,007 \text{ mg/mek}$$

$$\text{Faktor konversi protein (Fk)} = 6,25$$

$$\text{Kadar protein} = \frac{V \times N \text{ HCl} \times \text{BE Nitrogen} \times \text{Fk}}{W \times 1000} \times 100 \%$$

$$\text{Kadar protein} = \frac{61,86 \text{ mL} \times 0,09 \frac{\text{mek}}{\text{mL}} \times 14,007 \frac{\text{mg}}{\text{mek}} \times 6,25}{1,0000 \times 1000 \text{ mg}} \times 100\%$$

$$= 48,74\%$$

3.3 Pakan VITE FF-999

Berat Sampel (W) = 1,006 g

Volume Titration (V) = 43,9 mL

Konsentrasi HCl (N) = 0,1044 mek/mL

BE Nitrogen = 14 mg/mek

Faktor konversi protein (Fk) = 6,25

$$\text{Kadar protein} = \frac{V \times N \text{ HCl} \times \text{BE Nitrogen} \times \text{Fk}}{W \times 1000} \times 100 \%$$

$$\text{Kadar protein} = \frac{43,9 \text{ mL} \times 0,1044 \frac{\text{mek}}{\text{mL}} \times 14 \frac{\text{mg}}{\text{mek}} \times 6,25}{1,006 \times 1000 \text{ mg}} \times 100\%$$

$$= 39,86\%$$

3.4 *Clarias* sp. Yang diberi pakan VITE-999

3.4.1 Pekan 0

Berat Sampel (W) = 1,048 g

Volume Titration (V) = 17,4 mL

Konsentrasi HCl (N) = 0,1019 mek/mL

BE Nitrogen = 14,007 mg/mek

Faktor konversi protein (Fk) = 6,25

$$\text{Kadar protein} = \frac{V \times N \text{ HCl} \times \text{BE Nitrogen} \times \text{Fk}}{W \times 1000} \times 100 \%$$

$$\text{Kadar protein} = \frac{17,4 \text{ mL} \times 0,1019 \frac{\text{mek}}{\text{mL}} \times 14,007 \frac{\text{mg}}{\text{mek}} \times 6,25}{1,048 \times 1000 \text{ mg}} \times 100\%$$

Kadar protein = 14,81%

$$\begin{aligned} \text{Kadar protein rata-rata} &= \frac{14,81\%}{3} \\ &= 4,94\% \end{aligned}$$

3.4.2 Pekan 1

$$\begin{aligned} \text{Berat Sampel (W)} &= 1,0135 \text{ g} \\ \text{Volume Titrasi (V)} &= 17,7 \text{ mL} \\ \text{Konsentrasi HCl (N)} &= 0,1103 \text{ mek/mL} \\ \text{BE Nitrogen} &= 14,007 \text{ mg/mek} \\ \text{Faktor konversi protein (Fk)} &= 6,25 \end{aligned}$$

$$\text{Kadar protein} = \frac{V \times N \text{ HCl} \times \text{BE Nitrogen} \times \text{Fk}}{W \times 1000} \times 100 \%$$

$$\text{Kadar protein} = \frac{17,7 \text{ mL} \times 0,1103 \frac{\text{mek}}{\text{mL}} \times 14,007 \frac{\text{mg}}{\text{mek}} \times 6,25}{1,0135 \times 1000 \text{ mg}} \times 100\%$$

$$\text{Kadar protein} = 16,86\%$$

$$\begin{aligned} \text{Kadar protein rata-rata} &= \frac{16,86\%}{3} \\ &= 5,62\% \end{aligned}$$

3.4.3 Pekan 2

$$\begin{aligned} \text{Berat Sampel (W)} &= 1,0012 \text{ g} \\ \text{Volume Titrasi (V)} &= 21,3 \text{ mL} \\ \text{Konsentrasi HCl (N)} &= 0,1008 \text{ mek/mL} \\ \text{BE Nitrogen} &= 14,007 \text{ mg/mek} \\ \text{Faktor konversi protein (Fk)} &= 6,25 \end{aligned}$$

$$\text{Kadar protein} = \frac{V \times N \text{ HCl} \times \text{BE Nitrogen} \times \text{Fk}}{W \times 1000} \times 100 \%$$

$$\text{Kadar protein} = \frac{21,3 \text{ mL} \times 0,1008 \frac{\text{mek}}{\text{mL}} \times 14,007 \frac{\text{mg}}{\text{mek}} \times 6,25}{1,0012 \times 1000 \text{ mg}} \times 100\%$$

Kadar protein = 18,77%

$$\begin{aligned}\text{Kadar protein rata-rata} &= \frac{18,77\%}{3} \\ &= 6,25\%\end{aligned}$$

3.4.4 Pekan 3

Berat Sampel (W) = 1,0102 g

Volume Titrasi (V) = 23 mL

Konsentrasi HCl (N) = 0,1005 mek/mL

BE Nitrogen = 14,007 mg/mek

Faktor konversi protein (Fk) = 6,25

$$\text{Kadar protein} = \frac{V \times N \text{ HCl} \times \text{BE Nitrogen} \times \text{Fk}}{W \times 1000} \times 100 \%$$

$$\text{Kadar protein} = \frac{23 \text{ mL} \times 0,1005 \frac{\text{mek}}{\text{mL}} \times 14,007 \frac{\text{mg}}{\text{mek}} \times 6,25}{1,0102 \times 1000 \text{ mg}} \times 100\%$$

Kadar protein = 20,03%

$$\begin{aligned}\text{Kadar protein rata-rata} &= \frac{20,04\%}{3} \\ &= 6,67\%\end{aligned}$$

3.4.5 Pekan 4

Berat Sampel (W) = 1,0123 g

Volume Titrasi (V) = 24 mL

Konsentrasi HCl (N) = 0,1002 mek/mL

BE Nitrogen = 14,007 mg/mek

Faktor konversi protein (Fk) = 6,25

$$\text{Kadar protein} = \frac{V \times N \text{ HCl} \times \text{BE Nitrogen} \times \text{Fk}}{W \times 1000} \times 100 \%$$

$$\text{Kadar protein} = \frac{24 \text{ mL} \times 0,1002 \frac{\text{mek}}{\text{mL}} \times 14,007 \frac{\text{mg}}{\text{mek}} \times 6,25}{1,0123 \times 1000 \text{ mg}} \times 100\%$$

$$\text{Kadar protein} = 20,79\%$$

$$\begin{aligned} \text{Kadar protein rata-rata} &= \frac{20,79\%}{3} \\ &= 6,93\% \end{aligned}$$

3.4.6 Pekan 5

$$\text{Berat Sampel (W)} = 1,0151 \text{ g}$$

$$\text{Volume Titrasi (V)} = 25 \text{ mL}$$

$$\text{Konsentrasi HCl (N)} = 0,0096 \text{ mek/mL}$$

$$\text{BE Nitrogen} = 14,007 \text{ mg/mek}$$

$$\text{Faktor konversi protein (Fk)} = 6,25$$

$$\text{Kadar protein} = \frac{V \times N \text{ HCl} \times \text{BE Nitrogen} \times \text{Fk}}{W \times 1000} \times 100 \%$$

$$\text{Kadar protein} = \frac{25 \text{ mL} \times 0,0996 \frac{\text{mek}}{\text{mL}} \times 14,007 \frac{\text{mg}}{\text{mek}} \times 6,25}{1,0151 \times 1000 \text{ mg}} \times 100\%$$

$$\text{Kadar protein} = 21,47\%$$

$$\begin{aligned} \text{Kadar protein rata-rata} &= \frac{21,47\%}{3} \\ &= 7,15\% \end{aligned}$$

3.4.7 Pekan 6

$$\text{Berat Sampel (W)} = 1,0130 \text{ g}$$

$$\text{Volume Titrasi (V)} = 29,3 \text{ mL}$$

$$\text{Konsentrasi HCl (N)} = 0,0996 \text{ mek/mL}$$

$$\text{BE Nitrogen} = 14,007 \text{ mg/mek}$$

$$\text{Faktor konversi protein (Fk)} = 6,25$$

$$\text{Kadar protein} = \frac{V \times N \text{ HCl} \times \text{BE Nitrogen} \times \text{Fk}}{W \times 1000} \times 100 \%$$

$$\text{Kadar protein} = \frac{29,3 \text{ mL} \times 0,0996 \frac{\text{mek}}{\text{mL}} \times 14,007 \frac{\text{mg}}{\text{mek}} \times 6,25}{1,0130 \times 1000 \text{ mg}} \times 100\%$$

$$\text{Kadar protein} = 25,22\%$$

$$\text{Kadar protein rata-rata} = \frac{25,22\%}{3}$$

$$= 8,41\%$$

3.4.8 Pekan 7

$$\text{Berat Sampel (W)} = 1,0518 \text{ g}$$

$$\text{Volume Titration (V)} = 33,6 \text{ mL}$$

$$\text{Konsentrasi HCl (N)} = 0,1003 \text{ mek/mL}$$

$$\text{BE Nitrogen} = 14,007 \text{ mg/mek}$$

$$\text{Faktor konversi protein (Fk)} = 6,25$$

$$\text{Kadar protein} = \frac{V \times N \text{ HCl} \times \text{BE Nitrogen} \times \text{Fk}}{W \times 1000} \times 100 \%$$

$$\text{Kadar protein} = \frac{33,6 \text{ mL} \times 0,1003 \frac{\text{mek}}{\text{mL}} \times 14,007 \frac{\text{mg}}{\text{mek}} \times 6,25}{1,0518 \times 1000 \text{ mg}} \times 100\%$$

$$\text{Kadar protein} = 28,05\%$$

$$\text{Kadar protein rata-rata} = \frac{28,05\%}{3}$$

$$= 9,35\%$$

3.5 *Clarias* sp. yang diberi pakan *P. ampullacea*

3.5.1 Pekan 0

$$\text{Berat Sampel (W)} = 1,048 \text{ g}$$

$$\text{Volume Titration (V)} = 17,4 \text{ mL}$$

$$\text{Konsentrasi HCl (N)} = 0,1019 \text{ mek/mL}$$

$$\text{BE Nitrogen} = 14,007 \text{ mg/mek}$$

$$\text{Faktor konversi protein (Fk)} = 6,25$$

$$\text{Kadar protein} = \frac{V \times N \text{ HCl} \times \text{BE Nitrogen} \times \text{Fk}}{W \times 1000} \times 100 \%$$

$$\text{Kadar protein} = \frac{17,4 \text{ mL} \times 0,1019 \frac{\text{mek}}{\text{mL}} \times 14,007 \frac{\text{mg}}{\text{mek}} \times 6,25}{1,048 \times 1000 \text{ mg}} \times 100\%$$

$$\text{Kadar protein} = 14,81\%$$

$$\begin{aligned} \text{Kadar protein rata-rata} &= \frac{14,81\%}{3} \\ &= 4,94\% \end{aligned}$$

3.5.2 Pekan 1

$$\text{Berat Sampel (W)} = 1,0212 \text{ g}$$

$$\text{Volume Titration (V)} = 18,6 \text{ mL}$$

$$\text{Konsentrasi HCl (N)} = 0,1103 \text{ mek/mL}$$

$$\text{BE Nitrogen} = 14,007 \text{ mg/mek}$$

$$\text{Faktor konversi protein (Fk)} = 6,25$$

$$\text{Kadar protein} = \frac{V \times N \text{ HCl} \times \text{BE Nitrogen} \times \text{Fk}}{W \times 1000} \times 100 \%$$

$$\text{Kadar protein} = \frac{18,6 \text{ mL} \times 0,1103 \frac{\text{mek}}{\text{mL}} \times 14,007 \frac{\text{mg}}{\text{mek}} \times 6,25}{1,0212 \times 1000 \text{ mg}} \times 100\%$$

$$\begin{aligned} \text{Kadar protein rata-rata} &= \frac{17,58\%}{3} \\ &= 5,86\% \end{aligned}$$

3.5.3 Pekan 2

$$\text{Berat Sampel (W)} = 1,1321 \text{ g}$$

$$\text{Volume Titration (V)} = 22,6 \text{ mL}$$

$$\text{Konsentrasi HCl (N)} = 0,1044 \text{ mek/mL}$$

BE Nitrogen = 14,007 mg/mek

Faktor konversi protein (Fk) = 6,25

$$\text{Kadar protein} = \frac{V \times N \text{ HCl} \times \text{BE Nitrogen} \times \text{Fk}}{W \times 1000} \times 100 \%$$

$$\text{Kadar protein} = \frac{22,6 \text{ mL} \times 0,1044 \frac{\text{mek}}{\text{mL}} \times 14,007 \frac{\text{mg}}{\text{mek}} \times 6,25}{1,1321 \times 1000 \text{ mg}} \times 100\%$$

$$\begin{aligned} \text{Kadar protein rata-rata} &= \frac{18,24\%}{3} \\ &= 6,08\% \end{aligned}$$

3.5.4 Pekan 3

Berat Sampel (W) = 1,1151 g

Volume Titrasi (V) = 25,3 mL

Konsentrasi HCl (N) = 0,0981 mek/mL

BE Nitrogen = 14,007 mg/mek

Faktor konversi protein (Fk) = 6,25

$$\text{Kadar protein} = \frac{V \times N \text{ HCl} \times \text{BE Nitrogen} \times \text{Fk}}{W \times 1000} \times 100 \%$$

$$\text{Kadar protein} = \frac{25,3 \text{ mL} \times 0,0981 \frac{\text{mek}}{\text{mL}} \times 14,007 \frac{\text{mg}}{\text{mek}} \times 6,25}{1,1151 \times 1000 \text{ mg}} \times 100\%$$

$$\begin{aligned} \text{Kadar protein rata-rata} &= \frac{19,48\%}{3} \\ &= 6,49\% \end{aligned}$$

3.5.5 Pekan 4

Berat Sampel (W) = 1,0734 g

Volume Titrasi (V) = 26,4 mL

Konsentrasi HCl (N) = 0,0957 mek/mL

BE Nitrogen = 14,007 mg/mek

Faktor konversi protein (Fk) = 6,25

$$\text{Kadar protein} = \frac{V \times N \text{ HCl} \times \text{BE Nitrogen} \times \text{Fk}}{W \times 1000} \times 100 \%$$

$$\text{Kadar protein} = \frac{26,4 \text{ mL} \times 0,0957 \frac{\text{mek}}{\text{mL}} \times 14,007 \frac{\text{mg}}{\text{mek}} \times 6,25}{1,0734 \times 1000 \text{ mg}} \times 100\%$$

$$\text{Kadar protein rata-rata} = \frac{20,61\%}{3}$$

$$= 6,87\%$$

3.5.6 Pekan 5

Berat Sampel (W) = 1,1201 g

Volume Titrasi (V) = 26,6 mL

Konsentrasi HCl (N) = 0,1044 mek/mL

BE Nitrogen = 14,007 mg/mek

Faktor konversi protein (Fk) = 6,25

$$\text{Kadar protein} = \frac{V \times N \text{ HCl} \times \text{BE Nitrogen} \times \text{Fk}}{W \times 1000} \times 100 \%$$

$$\text{Kadar protein} = \frac{26,6 \text{ mL} \times 0,1044 \frac{\text{mek}}{\text{mL}} \times 14,007 \frac{\text{mg}}{\text{mek}} \times 6,25}{1,1201 \times 1000 \text{ mg}} \times 100\%$$

$$\text{Kadar protein rata-rata} = \frac{21,70\%}{3}$$

$$= 7,23\%$$

3.5.7 Pekan 6

Berat Sampel (W) = 1,1216 g

Volume Titrasi (V) = 30,5 mL

Konsentrasi HCl (N) = 0,1044 mek/mL

BE Nitrogen = 14,007 mg/mek

Faktor konversi protein (Fk) = 6,25

$$\text{Kadar protein} = \frac{V \times N \text{ HCl} \times \text{BE Nitrogen} \times \text{Fk}}{W \times 1000} \times 100 \%$$

$$\text{Kadar protein} = \frac{30,5 \text{ mL} \times 0,1044 \frac{\text{mek}}{\text{mL}} \times 14,007 \frac{\text{mg}}{\text{mek}} \times 6,25}{1,1216 \times 1000 \text{ mg}} \times 100\%$$

$$\text{Kadar protein} = 27,29\%$$

$$\text{Kadar protein rata-rata} = \frac{27,29\%}{3}$$

$$= 9,09\%$$

3.5.8 Pekan 7

$$\text{Berat Sampel (W)} = 1,0322 \text{ g}$$

$$\text{Volume Titrasi (V)} = 39,2 \text{ mL}$$

$$\text{Konsentrasi HCl (N)} = 0,0981 \text{ mek/mL}$$

$$\text{BE Nitrogen} = 14,007 \text{ mg/mek}$$

$$\text{Faktor konversi protein (Fk)} = 6,25$$

$$\text{Kadar protein} = \frac{V \times N \text{ HCl} \times \text{BE Nitrogen} \times \text{Fk}}{W \times 1000} \times 100 \%$$

$$\text{Kadar protein} = \frac{39,2 \text{ mL} \times 0,0981 \frac{\text{mek}}{\text{mL}} \times 14,007 \frac{\text{mg}}{\text{mek}} \times 6,25}{1,0322 \times 1000 \text{ mg}} \times 100\%$$

$$\text{Kadar protein} = 32,61\%$$

$$\text{Kadar protein rata-rata} = \frac{32,61\%}{3}$$

$$= 10,87\%$$

4. Kadar Lemak

4.1 Sampel *P. ampullacea*

$$\text{Bobot labu lemak kosong + batu didih (A)} = 105,169 \text{ g}$$

$$\text{Bobot labu lemak + sampel (B)} = 105,253 \text{ g}$$

$$\text{Berat sampel (C)} = 2,0002 \text{ g}$$

$$\text{Kadar lemak} = \frac{B - A}{C} \times 100\%$$

$$\begin{aligned} \text{Kadar lemak} &= \frac{105,253 - 105,169}{2,0002} \times 100\% \\ &= 4,16\% \end{aligned}$$

4.2 Pakan *P. ampullacea*

$$\text{Bobot labu lemak kosong + batu didih (A)} = 101,0669 \text{ g}$$

$$\text{Bobot labu lemak + sampel (B)} = 101,139 \text{ g}$$

$$\text{Berat sampel (C)} = 2,0007 \text{ g}$$

$$\text{Kadar lemak} = \frac{B - A}{C} \times 100\%$$

$$\begin{aligned} \text{Kadar lemak} &= \frac{101,139 - 101,0669}{2,0007} \times 100\% \\ &= 3,6\% \end{aligned}$$

4.3 Pakan VITE FF-999

$$\text{Bobot labu lemak kosong + batu didih (A)} = 105,139 \text{ g}$$

$$\text{Bobot labu lemak + sampel (B)} = 105,253 \text{ g}$$

$$\text{Berat sampel (C)} = 2,009 \text{ g}$$

$$\text{Kadar lemak} = \frac{B - A}{C} \times 100\%$$

$$\begin{aligned} \text{Kadar lemak} &= \frac{105,253 - 105,139}{2,009} \times 100\% \\ &= 5,67\% \end{aligned}$$

4.4 *Clarias* sp. yang diberi pakan VITE-999

4.4.1 Pekan 0

$$\text{Bobot labu lemak kosong + batu didih (A)} = 128,0612 \text{ g}$$

$$\text{Bobot labu lemak + sampel (B)} = 128,0792 \text{ g}$$

$$\text{Berat sampel (C)} = 2,0105 \text{ g}$$

$$\text{Kadar lemak} = \frac{B - A}{C} \times 100\%$$

$$\text{Kadar lemak} = \frac{128,0792 - 128,0612}{2,0013} \times 100\%$$

$$\text{Kadar lemak} = 0,9\%$$

$$\begin{aligned} \text{Lemak Rata-rata} &= \frac{0,9\%}{3} \\ &= 0,3\% \end{aligned}$$

4.4.2 Pekan 1

$$\text{Bobot labu lemak kosong + batu didih (A)} = 105,1677 \text{ g}$$

$$\text{Bobot labu lemak + sampel (B)} = 105,1954 \text{ g}$$

$$\text{Berat sampel (C)} = 2,0137 \text{ g}$$

$$\text{Kadar lemak} = \frac{B - A}{C} \times 100\%$$

$$\text{Kadar lemak} = \frac{105,1954 - 105,1677}{2,0137} \times 100\%$$

$$\text{Kadar lemak} = 1,38\%$$

$$\begin{aligned} \text{Lemak Rata-rata} &= \frac{1,38\%}{3} \\ &= 0,46\% \end{aligned}$$

4.4.3 Pekan 2

$$\text{Bobot labu lemak kosong + batu didih (A)} = 105,1768 \text{ g}$$

$$\text{Bobot labu lemak + sampel (B)} = 105,2173 \text{ g}$$

$$\text{Berat sampel (C)} = 2,0181 \text{ g}$$

$$\text{Kadar lemak} = \frac{B - A}{C} \times 100\%$$

$$\text{Kadar lemak} = \frac{105,2173-105,1768}{2,0181} \times 100\%$$

$$\text{Kadar lemak} = 2,01\%$$

$$\begin{aligned}\text{Lemak Rata-rata} &= \frac{2,01\%}{3} \\ &= 0,67\%\end{aligned}$$

4.4.4 Pekan 3

$$\text{Bobot labu lemak kosong + batu didih (A)} = 128,0935 \text{ g}$$

$$\text{Bobot labu lemak + sampel (B)} = 128,1471 \text{ g}$$

$$\text{Berat sampel (C)} = 2,1022 \text{ g}$$

$$\text{Kadar lemak} = \frac{B - A}{C} \times 100\%$$

$$\text{Kadar lemak} = \frac{128,1471-128,0935}{2,1022} \times 100\%$$

$$\text{Kadar lemak} = 2,55\%$$

$$\begin{aligned}\text{Lemak Rata-rata} &= \frac{2,55\%}{3} \\ &= 0,85\%\end{aligned}$$

4.4.5 Pekan 4

$$\text{Bobot labu lemak kosong + batu didih (A)} = 105,2084 \text{ g}$$

$$\text{Bobot labu lemak + sampel (B)} = 105,2774 \text{ g}$$

$$\text{Berat sampel (C)} = 2,1109 \text{ g}$$

$$\text{Kadar lemak} = \frac{B - A}{C} \times 100\%$$

$$\text{Kadar lemak} = \frac{105,2774-105,2084}{2,1109} \times 100\%$$

$$\text{Kadar lemak} = 3,27\%$$

$$\begin{aligned}\text{Lemak Rata-rata} &= \frac{3,27\%}{3} \\ &= 1,09\%\end{aligned}$$

4.4.6 Pekan 5

$$\text{Bobot labu lemak kosong + batu didih (A)} = 128,1406 \text{ g}$$

$$\text{Bobot labu lemak + sampel (B)} = 128,2185 \text{ g}$$

$$\text{Berat sampel (C)} = 2,0952 \text{ g}$$

$$\text{Kadar lemak} = \frac{B - A}{C} \times 100\%$$

$$\text{Kadar lemak} = \frac{128,2185 - 128,1406}{2,0952} \times 100\%$$

$$\text{Kadar lemak} = 3,72\%$$

$$\begin{aligned}\text{Lemak Rata-rata} &= \frac{3,72\%}{3} \\ &= 1,24\%\end{aligned}$$

4.4.7 Pekan 6

$$\text{Bobot labu lemak kosong + batu didih (A)} = 128,1318 \text{ g}$$

$$\text{Bobot labu lemak + sampel (B)} = 128,2153 \text{ g}$$

$$\text{Berat sampel (C)} = 2,0046 \text{ g}$$

$$\text{Kadar lemak} = \frac{B - A}{C} \times 100\%$$

$$\text{Kadar lemak} = \frac{128,2153 - 128,1318}{2,0046} \times 100\%$$

$$\text{Kadar lemak} = 4,17\%$$

$$\begin{aligned}\text{Lemak Rata-rata} &= \frac{4,17\%}{3} \\ &= 1,39\%\end{aligned}$$

4.4.8 Pekan 7

Bobot labu lemak kosong + batu didih (A) = 128,1232 g

Bobot labu lemak + sampel (B) = 128,2097 g

Berat sampel (C) = 2,0172 g

$$\text{Kadar lemak} = \frac{B - A}{C} \times 100\%$$

$$\text{Kadar lemak} = \frac{128,2097 - 128,1232}{2,0172} \times 100\%$$

$$\text{Kadar lemak} = 4,29\%$$

$$\begin{aligned} \text{Lemak Rata-rata} &= \frac{4,29\%}{3} \\ &= 1,43\% \end{aligned}$$

4.5 *Clarias* sp. yang diberi pakan *P. ampullacea*

4.5.1 Pekan 0

Bobot labu lemak kosong + batu didih (A) = 128,0792 g

Bobot labu lemak + sampel (B) = 128,0654 g

Berat sampel (C) = 2,0105 g

$$\text{Kadar lemak} = \frac{B - A}{C} \times 100\%$$

$$\text{Kadar lemak} = \frac{128,0792 - 128,0654}{2,0105} \times 100\%$$

$$\begin{aligned} \text{Lemak Rata-rata} &= \frac{0,69\%}{3} \\ &= 0,23\% \end{aligned}$$

4.5.2 Pekan 1

Bobot labu lemak kosong + batu didih (A) = 105,392 g

Bobot labu lemak + sampel (B) = 105,371 g

$$\text{Berat sampel (C)} = 2,0040 \text{ g}$$

$$\text{Kadar lemak} = \frac{B - A}{C} \times 100\%$$

$$\text{Kadar lemak} = \frac{105,392 - 105,371}{2,0040} \times 100\%$$

$$\text{Lemak Rata-rata} = \frac{1,05\%}{3}$$

$$= 0,35\%$$

4.5.3 Pekan 2

$$\text{Bobot labu lemak kosong + batu didih (A)} = 128,2871 \text{ g}$$

$$\text{Bobot labu lemak + sampel (B)} = 128,2576 \text{ g}$$

$$\text{Berat sampel (C)} = 2,0071 \text{ g}$$

$$\text{Kadar lemak} = \frac{B - A}{C} \times 100\%$$

$$\text{Kadar lemak} = \frac{128,2871 - 128,2576}{2,0071} \times 100\%$$

$$\text{Lemak Rata-rata} = \frac{1,47\%}{3}$$

$$= 0,49\%$$

4.5.4 Pekan 3

$$\text{Bobot labu lemak kosong + batu didih (A)} = 105,2845 \text{ g}$$

$$\text{Bobot labu lemak + sampel (B)} = 105,2441 \text{ g}$$

$$\text{Berat sampel (C)} = 2,0125 \text{ g}$$

$$\text{Kadar lemak} = \frac{B - A}{C} \times 100\%$$

$$\text{Kadar lemak} = \frac{105,2845 - 105,2441}{2,0125} \times 100\%$$

$$\text{Lemak Rata-rata} = \frac{2,01\%}{3}$$

$$= 0,67\%$$

4.5.5 Pekan 4

$$\text{Bobot labu lemak kosong + batu didih (A)} = 128,1924 \text{ g}$$

$$\text{Bobot labu lemak + sampel (B)} = 128,1393 \text{ g}$$

$$\text{Berat sampel (C)} = 2,0127 \text{ g}$$

$$\text{Kadar lemak} = \frac{B - A}{C} \times 100\%$$

$$\text{Kadar lemak} = \frac{128,1924 - 128,1393}{2,0127} \times 100\%$$

$$\text{Lemak Rata-rata} = \frac{2,64\%}{3}$$

$$= 0,88\%$$

4.5.6 Pekan 5

$$\text{Bobot labu lemak kosong + batu didih (A)} = 105,2755 \text{ g}$$

$$\text{Bobot labu lemak + sampel (B)} = 105,2116 \text{ g}$$

$$\text{Berat sampel (C)} = 2,0122 \text{ g}$$

$$\text{Kadar lemak} = \frac{B - A}{C} \times 100\%$$

$$\text{Kadar lemak} = \frac{105,2755 - 105,2116}{2,0122} \times 100\%$$

$$\text{Lemak Rata-rata} = \frac{3,18\%}{3}$$

$$= 1,06\%$$

4.5.7 Pekan 6

$$\text{Bobot labu lemak kosong + batu didih (A)} = 105,2017 \text{ g}$$

$$\text{Bobot labu lemak + sampel (B)} = 105,2719 \text{ g}$$

$$\text{Berat sampel (C)} = 2,0711 \text{ g}$$

$$\text{Kadar lemak} = \frac{B - A}{C} \times 100\%$$

$$\text{Kadar lemak} = \frac{105,2719 - 105,2017}{2,0711} \times 100\%$$

$$\begin{aligned} \text{Lemak Rata-rata} &= \frac{3,39\%}{3} \\ &= 1,13\% \end{aligned}$$

4.5.8 Pekan 7

$$\text{Bobot labu lemak kosong + batu didih (A)} = 105,132 \text{ g}$$

$$\text{Bobot labu lemak + sampel (B)} = 105,2117 \text{ g}$$

$$\text{Berat sampel (C)} = 2,0198 \text{ g}$$

$$\text{Kadar lemak} = \frac{B - A}{C} \times 100\%$$

$$\text{Kadar lemak} = \frac{105,2117 - 105,132}{2,0298} \times 100\%$$

$$\begin{aligned} \text{Lemak Rata-rata} &= \frac{3,95\%}{3} \\ &= 1,31\% \end{aligned}$$

5. Perhitungan Panjang Rata-rata *Clarias* sp.

5.1 *Clarias* sp. yang diberi Pakan VITE FF-999

$$\begin{aligned} \text{Panjang Pekan 0} &= (6,8 + 6,5 + 6,7) \text{ cm} = \frac{20}{3} \times 100\% \\ &= 6,67 \text{ cm} \end{aligned}$$

$$\begin{aligned} \text{Panjang Pekan 1} &= (6,9 + 7,3 + 6,9) \text{ cm} = \frac{21,1}{3} \times 100\% \\ &= 7,03 \text{ cm} \end{aligned}$$

$$\begin{aligned} \text{Panjang Pekan 2} &= (8,4 + 7,9 + 7,8) \text{ cm} = \frac{24,1}{3} \times 100\% \\ &= 8,03 \text{ cm} \end{aligned}$$

$$\begin{aligned} \text{Panjang Pekan 3} &= (10,3 + 9,2 + 9,5) \text{ cm} = \frac{29}{3} \times 100\% \\ &= 9,67 \text{ cm} \end{aligned}$$

$$\begin{aligned} \text{Panjang Pekan 4} &= (11,2 + 11 + 9,5) \text{ cm} = \frac{32,7}{3} \times 100\% \\ &= 10,9 \text{ cm} \end{aligned}$$

$$\begin{aligned} \text{Panjang Pekan 5} &= (12,1 + 10,6 + 10,7) \text{ cm} = \frac{33,4}{3} \times 100\% \\ &= 11,13 \text{ cm} \end{aligned}$$

$$\begin{aligned} \text{Panjang Pekan 6} &= (11,3 + 12,4 + 11,5) \text{ cm} = \frac{35,2}{3} \times 100\% \\ &= 11,73 \text{ cm} \end{aligned}$$

$$\begin{aligned} \text{Panjang Pekan 7} &= (15 + 12,5 + 13,6) \text{ cm} = \frac{41,1}{3} \times 100\% \\ &= 13,7 \text{ cm} \end{aligned}$$

5.2 *Clarias* sp. yang diberi Pakan *P. ampullacea*

$$\begin{aligned} \text{Panjang Pekan 0} &= (6,8 + 6,5 + 6,7) \text{ cm} = \frac{20}{3} \times 100\% \\ &= 6,67 \text{ cm} \end{aligned}$$

$$\begin{aligned} \text{Panjang Pekan 1} &= (7 + 7 + 7) \text{ cm} = \frac{21}{3} \times 100\% \\ &= 7 \text{ cm} \end{aligned}$$

$$\begin{aligned} \text{Panjang Pekan 2} &= (8 + 7,9 + 7,5) \text{ cm} = \frac{23,4}{3} \times 100\% \\ &= 7,8 \text{ cm} \end{aligned}$$

$$\begin{aligned} \text{Panjang Pekan 3} &= (8,1 + 8,5 + 9) \text{ cm} = \frac{25,6}{3} \times 100\% \\ &= 8,53 \text{ cm} \end{aligned}$$

$$\begin{aligned} \text{Panjang Pekan 4} &= (9,2 + 9,8 + 8,5) \text{ cm} = \frac{27,5}{3} \times 100\% \\ &= 9,16 \text{ cm} \end{aligned}$$

$$\begin{aligned} \text{Panjang Pekan 5} &= (10,9 + 11,4 + 11,3) \text{ cm} = \frac{33,6}{3} \times 100\% \\ &= 11,2 \text{ cm} \end{aligned}$$

$$\begin{aligned} \text{Panjang Pekan 6} &= (12 + 12,4 + 11) \text{ cm} = \frac{35,4}{3} \times 100\% \\ &= 11,8 \text{ cm} \end{aligned}$$

$$\begin{aligned} \text{Panjang Pekan 7} &= (13 + 13,2 + 14,3) \text{ cm} = \frac{40,5}{3} \times 100\% \\ &= 13,5 \text{ cm} \end{aligned}$$

6. Perhitungan Bobot Rata-rata *Clarias* sp.

6.1 *Clarias* sp. yang diberi Pakan VITE FF-999

$$\begin{aligned} \text{Bobot Pekan 0} &= (2,17 + 2,17 + 2,13) \text{ g} = \frac{6,47}{3} \times 100\% \\ &= 2,15 \text{ g} \end{aligned}$$

$$\begin{aligned} \text{Bobot Pekan 1} &= (1,73 + 2,49 + 2,35) \text{ g} = \frac{6,63}{3} \times 100\% \\ &= 2,21 \text{ g} \end{aligned}$$

$$\begin{aligned} \text{Bobot Pekan 2} &= (3,68 + 4,25 + 3,36) \text{ g} = \frac{11,24}{3} \times 100\% \\ &= 3,74 \text{ g} \end{aligned}$$

$$\begin{aligned} \text{Bobot Pekan 3} &= (6,66 + 5,10 + 5,52) \text{ g} = \frac{17,28}{3} \times 100\% \\ &= 5,76 \text{ g} \end{aligned}$$

$$\begin{aligned} \text{Bobot Pekan 4} &= (5,62 + 8,45 + 7,37) \text{ g} = \frac{21,44}{3} \times 100\% \\ &= 7,14 \text{ g} \end{aligned}$$

$$\begin{aligned} \text{Bobot Pekan 5} &= (8,24 + 7,86 + 10,17) \text{ g} = \frac{26,27}{3} \times 100\% \\ &= 8,75 \text{ g} \end{aligned}$$

$$\begin{aligned} \text{Bobot Pekan 6} &= (9,17 + 13,74 + 10,12) \text{ g} = \frac{33,03}{3} \times 100\% \\ &= 11,01 \text{ g} \end{aligned}$$

$$\begin{aligned} \text{Bobot Pekan 7} &= (14,41 + 17,37 + 20,23) \text{ g} = \frac{52,01}{3} \times 100\% \\ &= 17,33 \text{ g} \end{aligned}$$

6.2 *Clarias* sp. yang diberi Pakan *P. ampullacea*

$$\begin{aligned}\text{Bobot Pekan 0} &= (2,17 + 2,17 + 2,13) \text{ g} = \frac{6,47}{3} \times 100\% \\ &= 2,15 \text{ g}\end{aligned}$$

$$\begin{aligned}\text{Bobot Pekan 1} &= (2,19 + 2,33 + 2,05) \text{ g} = \frac{6,57}{3} \times 100\% \\ &= 2,19 \text{ g}\end{aligned}$$

$$\begin{aligned}\text{Bobot Pekan 2} &= (3,85 + 3,13 + 2,91) \text{ g} = \frac{9,89}{3} \times 100\% \\ &= 3,29 \text{ g}\end{aligned}$$

$$\begin{aligned}\text{Bobot Pekan 3} &= (4,07 + 4,42 + 4,46) \text{ g} = \frac{12,95}{3} \times 100\% \\ &= 4,31 \text{ g}\end{aligned}$$

$$\begin{aligned}\text{Bobot Pekan 4} &= (5,46 + 7,53 + 5,83) \text{ g} = \frac{18,82}{3} \times 100\% \\ &= 6,27 \text{ g}\end{aligned}$$

$$\begin{aligned}\text{Bobot Pekan 5} &= (10,91 + 8,35 + 9,25) \text{ g} = \frac{28,51}{3} \times 100\% \\ &= 9,50 \text{ g}\end{aligned}$$

$$\begin{aligned}\text{Bobot Pekan 6} &= (12,05 + 16,02 + 12,57) \text{ g} = \frac{40,64}{3} \times 100\% \\ &= 13,54 \text{ g}\end{aligned}$$

$$\begin{aligned}\text{Bobot Pekan 7} &= (16,31 + 13,69 + 16,53) \text{ g} = \frac{46,53}{3} \times 100\% \\ &= 15,51 \text{ g}\end{aligned}$$

7. Perhitungan Persentase Kenaikan

7.1 Perhitungan Persentase Kenaikan Panjang

7.1.1 *Clarias* sp. Yang Diberi Pakan VITE-999

$$\begin{aligned}\text{Persentase kenaikan panjang 1} &= \frac{(7,03 - 6,67)\%}{6,67\%} \times 100\% \\ &= 5,39\%\end{aligned}$$

$$\begin{aligned} \text{Persentase kenaikan panjang 2} &= \frac{(8,03 - 7,03)\%}{7,03\%} \times 100\% \\ &= 14,22\% \end{aligned}$$

$$\begin{aligned} \text{Persentase kenaikan panjang 3} &= \frac{(9,67 - 8,03)\%}{8,03\%} \times 100\% \\ &= 20,42\% \end{aligned}$$

$$\begin{aligned} \text{Persentase kenaikan panjang 4} &= \frac{(10,9 - 9,67)\%}{9,67\%} \times 100\% \\ &= 12,71\% \end{aligned}$$

$$\begin{aligned} \text{Persentase kenaikan panjang 5} &= \frac{(11,13 - 10,9)\%}{10,9\%} \times 100\% \\ &= 2,11\% \end{aligned}$$

$$\begin{aligned} \text{Persentase kenaikan panjang 6} &= \frac{(11,73 - 11,13)\%}{11,13\%} \times 100\% \\ &= 5,39\% \end{aligned}$$

$$\begin{aligned} \text{Persentase kenaikan panjang 7} &= \frac{(13,7 - 11,73)\%}{11,73\%} \times 100\% \\ &= 16,79\% \end{aligned}$$

7.1.2 *Clarias* sp. Pakan *P. ampullacea*

$$\begin{aligned} \text{Persentase kenaikan panjang 1} &= \frac{(7 - 6,67)\%}{6,67\%} \times 100\% \\ &= 4,94\% \end{aligned}$$

$$\begin{aligned} \text{Persentase kenaikan panjang 2} &= \frac{(7,8 - 7)\%}{7\%} \times 100\% \\ &= 11,42\% \end{aligned}$$

$$\begin{aligned} \text{Persentase kenaikan panjang 3} &= \frac{(8,53 - 7,8)\%}{7,8\%} \times 100\% \\ &= 9,35\% \end{aligned}$$

$$\begin{aligned} \text{Persentase kenaikan panjang 4} &= \frac{(9,16 - 8,53)\%}{8,53\%} \times 100\% \\ &= 7,38\% \end{aligned}$$

$$\begin{aligned} \text{Persentase kenaikan panjang 5} &= \frac{(11,5 - 9,16)\%}{9,16\%} \times 100\% \\ &= 25,54\% \end{aligned}$$

$$\begin{aligned} \text{Persentase kenaikan panjang 6} &= \frac{(11,8 - 11,5)\%}{11,5\%} \times 100\% \\ &= 2,60\% \end{aligned}$$

$$\begin{aligned} \text{Persentase kenaikan panjang 7} &= \frac{(13,5 - 11,8)\%}{11,8\%} \times 100\% \\ &= 14,40\% \end{aligned}$$

7.2 Perhitungan Persentase Kenaikan Bobot

7.2.1 *Clarias* sp. Yang Diberi Pakan VITE-999

$$\begin{aligned} \text{Persentase kenaikan bobot 1} &= \frac{(2,21 - 2,15)\%}{2,15\%} \times 100\% \\ &= 2,79\% \end{aligned}$$

$$\begin{aligned} \text{Persentase kenaikan bobot 2} &= \frac{(3,74 - 2,21)\%}{2,21\%} \times 100\% \\ &= 69,23\% \end{aligned}$$

$$\begin{aligned} \text{Persentase kenaikan bobot 3} &= \frac{(5,76 - 3,74)\%}{3,74\%} \times 100\% \\ &= 54,01\% \end{aligned}$$

$$\begin{aligned} \text{Persentase kenaikan bobot 4} &= \frac{(7,14 - 5,76)\%}{5,76\%} \times 100\% \\ &= 23,95\% \end{aligned}$$

$$\begin{aligned} \text{Persentase kenaikan bobot 5} &= \frac{(8,75 - 7,14)\%}{7,14\%} \times 100\% \\ &= 22,54\% \end{aligned}$$

$$\begin{aligned} \text{Persentase kenaikan bobot 6} &= \frac{(11,01 - 8,75)\%}{8,75\%} \times 100\% \\ &= 25,82\% \end{aligned}$$

$$\begin{aligned} \text{Persentase kenaikan bobot 7} &= \frac{(17,33 - 11,01)\%}{11,01\%} \times 100\% \\ &= 57,40\% \end{aligned}$$

7.2.2 *Clarias* sp. Pakan *P. ampullacea*

$$\begin{aligned} \text{Persentase kenaikan bobot 1} &= \frac{(2,19 - 2,15)\%}{2,15\%} \times 100\% \\ &= 1,86\% \end{aligned}$$

$$\text{Persentase kenaikan bobot 2} = \frac{(3,29 - 2,19)\%}{2,19\%} \times 100\%$$

$$= 50,22\%$$

$$\text{Persentase kenaikan bobot 3} = \frac{(4,31 - 3,29)\%}{3,29\%} \times 100\%$$

$$= 31,00\%$$

$$\text{Persentase kenaikan bobot 4} = \frac{(6,27 - 4,31)\%}{4,31\%} \times 100\%$$

$$= 45,47\%$$

$$\text{Persentase kenaikan bobot 5} = \frac{(11,2 - 6,27)\%}{6,27\%} \times 100\%$$

$$= 78,62\%$$

$$\text{Persentase kenaikan bobot 6} = \frac{(13,54 - 11,2)\%}{11,2\%} \times 100\%$$

$$= 20,89\%$$

$$\text{Persentase kenaikan bobot 7} = \frac{(15,51 - 13,54)\%}{13,54\%} \times 100\%$$

$$= 14,54\%$$

7.3 Perhitungan Persentase Kenaikan Kadar Protein

7.3.1 *Clarias* sp. Yang Diberi Pakan VITE-999

$$\text{Persentase kenaikan protein 1} = \frac{(5,62 - 4,94)\%}{4,94\%} \times 100\%$$

$$= 13,76\%$$

$$\text{Persentase kenaikan protein 2} = \frac{(6,25 - 5,62)\%}{5,62\%} \times 100\%$$

$$= 11,2\%$$

$$\text{Persentase kenaikan protein 3} = \frac{(6,67 - 6,25)\%}{6,25\%} \times 100\%$$

$$= 6,72\%$$

$$\text{Persentase kenaikan protein 4} = \frac{(6,93 - 6,67)\%}{6,67\%} \times 100\%$$

$$= 3,89\%$$

$$\text{Persentase kenaikan protein 5} = \frac{(7,15 - 6,93)\%}{6,93\%} \times 100\%$$

$$= 3,17\%$$

$$\begin{aligned}\text{Persentase kenaikan protein 6} &= \frac{(8,41 - 7,15)\%}{7,15\%} \times 100\% \\ &= 17,62\%\end{aligned}$$

$$\begin{aligned}\text{Persentase kenaikan protein 7} &= \frac{(9,35 - 8,41)\%}{8,41\%} \times 100\% \\ &= 11,17\%\end{aligned}$$

7.3.2 *Clarias* sp. Pakan *P. ampullacea*

$$\begin{aligned}\text{Persentase kenaikan protein 1} &= \frac{(5,86 - 4,94)\%}{5,47\%} \times 100\% \\ &= 18,62\%\end{aligned}$$

$$\begin{aligned}\text{Persentase kenaikan protein 2} &= \frac{(6,08 - 5,86)\%}{5,86\%} \times 100\% \\ &= 3,75\%\end{aligned}$$

$$\begin{aligned}\text{Persentase kenaikan protein 3} &= \frac{(6,49 - 6,08)\%}{6,08\%} \times 100\% \\ &= 6,74\%\end{aligned}$$

$$\begin{aligned}\text{Persentase kenaikan protein 4} &= \frac{(6,87 - 6,49)\%}{6,49\%} \times 100\% \\ &= 5,85\%\end{aligned}$$

$$\begin{aligned}\text{Persentase kenaikan protein 5} &= \frac{(7,23 - 6,87)\%}{6,87\%} \times 100\% \\ &= 5,24\%\end{aligned}$$

$$\begin{aligned}\text{Persentase kenaikan protein 6} &= \frac{(9,06 - 7,23)\%}{7,23\%} \times 100\% \\ &= 25,31\%\end{aligned}$$

$$\begin{aligned}\text{Persentase kenaikan protein 7} &= \frac{(10,87 - 9,06)\%}{9,06\%} \times 100\% \\ &= 19,97\%\end{aligned}$$

7.4 Perhitungan Persentase Kenaikan Kadar Lemak

7.4.1 *Clarias* sp. Yang Diberi Pakan VITE-999

$$\begin{aligned}\text{Persentase kenaikan lemak 1} &= \frac{(0,46 - 0,3)\%}{0,3\%} \times 100\% \\ &= 53,33\%\end{aligned}$$

$$\text{Persentase kenaikan lemak 2} = \frac{(0,67 - 0,46)\%}{0,46\%} \times 100\%$$

$$= 45,62\%$$

$$\text{Persentase kenaikan lemak 3} = \frac{(0,85 - 0,67)\%}{0,67\%} \times 100\%$$

$$= 26,86\%$$

$$\text{Persentase kenaikan lemak 4} = \frac{(1,09 - 0,85)\%}{0,85\%} \times 100\%$$

$$= 28,23\%$$

$$\text{Persentase kenaikan lemak 5} = \frac{(1,24 - 1,09)\%}{1,09\%} \times 100\%$$

$$= 13,76\%$$

$$\text{Persentase kenaikan lemak 6} = \frac{(1,39 - 1,24)\%}{1,24\%} \times 100\%$$

$$= 12,09\%$$

$$\text{Persentase kenaikan lemak 7} = \frac{(1,43 - 1,39)\%}{1,39\%} \times 100\%$$

$$= 2,87\%$$

7.4.2 *Clarias* sp. Pakan *P. ampullacea*

$$\text{Persentase kenaikan lemak 1} = \frac{(0,35 - 0,3)\%}{0,3\%} \times 100\%$$

$$= 16,66\%$$

$$\text{Persentase kenaikan lemak 2} = \frac{(0,49 - 0,35)\%}{0,35\%} \times 100\%$$

$$= 40\%$$

$$\text{Persentase kenaikan lemak 3} = \frac{(0,67 - 0,49)\%}{0,49\%} \times 100\%$$

$$= 36,73\%$$

$$\text{Persentase kenaikan lemak 4} = \frac{(0,88 - 0,67)\%}{0,67\%} \times 100\%$$

$$= 31,34\%$$

$$\text{Persentase kenaikan lemak 5} = \frac{(1,06 - 0,88)\%}{0,88\%} \times 100\%$$

$$= 20,45\%$$

$$\begin{aligned}\text{Persentase kenaikan lemak 6} &= \frac{(1,13-1,06)\%}{1,06\%} \times 100\% \\ &= 6,60\%\end{aligned}$$

$$\begin{aligned}\text{Persentase kenaikan lemak 7} &= \frac{(1,31-1,13)\%}{1,13\%} \times 100\% \\ &= 15,92\%\end{aligned}$$

Lampiran 5. Perhitungan Pembuatan Larutan

1. Pembuatan NaOH 40% dalam 100 mL

$$\% = \frac{\text{massa NaOH}}{V} \times 100\%$$

$$40\% = \frac{\text{massa NaOH}}{100 \text{ mL}} \times 100\%$$

$$m = \frac{4000}{100}$$

$$m = 40 \text{ g}$$

2. Pembuatan H₃BO₃ 3% dalam 100 mL

$$\% = \frac{\text{massa H}_3\text{BO}_3}{V} \times 100\%$$

$$3\% = \frac{\text{massa H}_3\text{BO}_3}{100 \text{ mL}} \times 100\%$$

$$m = \frac{300}{100}$$

$$m = 3 \text{ g}$$

3. Pembuatan Na₂CO₃ dalam 100 mL

$$N = \frac{G}{V \times BE}$$

$$= \frac{0,537 \text{ g}}{0,1 \text{ L} \times 53}$$

$$= \frac{0,537}{53}$$

$$= 0,01013 \text{ N}$$

4. Larutan HCl 0,1 N dari HCl Pekat 37%

$$\text{Normalitas} = \frac{\% \times BJ \times 1000}{BE}$$

$$\text{Normalitas} = \frac{37/100 \times 1,19 \text{ g/mL} \times 1000 \text{ mL/L}}{36,5 \text{ g/ek}}$$

Normalitas = 12,06 ek/L

$$V_1 \times C_1 = V_2 \times C_2$$

$$V_1 \times 12,06 \text{ N} = 500 \text{ mL} \times 0,1 \text{ N}$$

$$V_1 = 4,14 \text{ mL}$$

5. Standarisasi HCl 0,1 N dengan Na₂CO₃

a. Konsentrasi HCl 0,1044 N

$$V \text{ HCl} \times N \text{ HCl} = V \text{ Na}_2\text{CO}_3 \times N \text{ Na}_2\text{CO}_3$$

$$9,7 \text{ mL} \times N \text{ HCl} = 10 \text{ mL} \times 0,1013 \text{ N}$$

$$N = \frac{1,013 \text{ N}}{9,7}$$

$$N \text{ HCl} = 0,1044 \text{ N}$$

b. Konsentrasi HCl 0,0981 N

$$V \text{ HCl} \times N \text{ HCl} = V \text{ Na}_2\text{CO}_3 \times N \text{ Na}_2\text{CO}_3$$

$$10,3 \text{ mL} \times N \text{ HCl} = 10 \text{ mL} \times 0,1013 \text{ N}$$

$$N = \frac{1,013 \text{ N}}{10,3}$$

$$N \text{ HCl} = 0,0981 \text{ N}$$

c. Konsentrasi HCl 0,0957 N

$$V \text{ HCl} \times N \text{ HCl} = V \text{ Na}_2\text{CO}_3 \times N \text{ Na}_2\text{CO}_3$$

$$10,5 \text{ mL} \times N \text{ HCl} = 10 \text{ mL} \times 0,1013 \text{ N}$$

$$N = \frac{1,013 \text{ N}}{10,5}$$

$$N \text{ HCl} = 0,0957 \text{ N}$$

d. Konsentrasi HCl 0,1002 N

$$V \text{ HCl} \times N \text{ HCl} = V \text{ Na}_2\text{CO}_3 \times N \text{ Na}_2\text{CO}_3$$

$$10,1 \text{ mL} \times N \text{ HCl} = 10 \text{ mL} \times 0,1013 \text{ N}$$

$$N = \frac{1,013 \text{ N}}{10,1}$$

$$N \text{ HCl} = 0,1002 \text{ N}$$

e. Konsentrasi HCl 0,1003 N

$$V \text{ HCl} \times N \text{ HCl} = V \text{ Na}_2\text{CO}_3 \times N \text{ Na}_2\text{CO}_3$$

$$10,1 \text{ mL} \times N \text{ HCl} = 10 \text{ mL} \times 0,1013 \text{ N}$$

$$N = \frac{1,013 \text{ N}}{10,1}$$

$$N \text{ HCl} = 0,1003 \text{ N}$$

6. Larutan Indikator BCG 0,1%

$$\% \frac{b}{v} = \frac{g}{\text{mL}} \times 100\%$$

$$\% \frac{b}{v} = \frac{\text{massa BCG (g)}}{\text{volume larutan (mL)}} \times 100\%$$

$$0,1\% = \frac{\text{massa BCG}}{10 \text{ mL}} \times 100\%$$

$$m = 0,01 \text{ gram}$$

7. Larutan Indikator MM 0,1%

$$\% \frac{b}{v} = \frac{g}{\text{mL}} \times 100\%$$

$$\% \frac{b}{v} = \frac{\text{massa MM (g)}}{\text{volume larutan (mL)}} \times 100\%$$

$$0,1\% = \frac{\text{massa MM}}{5 \text{ mL}} \times 100\%$$

$$M = 0,005 \text{ gram}$$

Lampiran 6. Data Prediksi

1. Prediksi Kenaikan Panjang *Clarias* sp.

Pekan	Panjang <i>Clarias</i> sp. (cm)		Pekan	Panjang <i>Clarias</i> sp. (cm)	
	Pakan VITE FF-999	Pakan <i>P. ampullacea</i>		Pakan VITE FF-999	Pakan <i>P. ampullacea</i>
0	6,67	6,67	8	14,31	13,97
1	7,03	7	9	15,30	14,96
2	8,03	7,8	10	16,29	15,95
3	9,67	8,53	11	17,29	16,95
4	10,9	9,16	12	18,28	17,94
5	11,13	11,5	13	19,27	18,94
6	11,73	11,8	14	20,26	19,93
7	13,7	13,5	15	21,25	20,93

2. Prediksi Kenaikan Bobot *Clarias* sp.

Pekan	Bobot <i>Clarias</i> sp. (g)		Pekan	Bobot <i>Clarias</i> sp. (g)	
	Pakan VITE FF-999	Pakan <i>P. ampullacea</i>		Pakan VITE FF-999	Pakan <i>P. ampullacea</i>
0	2,15	2,15	8	16,19	16,73
1	2,21	2,19	9	18,17	18,82
2	3,74	3,29	10	20,15	20,92
3	5,76	4,31	11	22,14	23,01
4	7,14	6,27	12	24,12	25,11
5	8,75	11,2	13	26,11	27,20
6	11,01	13,54	14	28,09	29,30
7	17,33	15,51	15	30,07	31,39

3. Prediksi Kenaikan Kadar Protein *Clarias* sp.

Pekan	Protein <i>Clarias</i> sp. (%)		Pekan	Protein <i>Clarias</i> sp. (%)	
	Pakan VITE FF-999	Pakan <i>P. ampullacea</i>		Pakan VITE FF-999	Pakan <i>P. ampullacea</i>
0	4,94	4,94	8	9,47	10,47
1	5,62	5,86	9	10,04	11,20
2	6,25	6,08	10	10,61	11,93
3	6,67	6,49	11	11,18	12,66
4	6,93	6,87	12	11,74	13,40
5	7,15	7,23	13	12,31	14,13
6	8,41	9,09	14	12,88	14,86
7	9,35	10,87	15	13,45	15,59

4. Prediksi Kenaikan Kadar Lemak *Clarias* sp.

Pekan	Lemak <i>Clarias</i> sp. (%)		Pekan	Lemak <i>Clarias</i> sp. (%)	
	Pakan VITE FF-999	Pakan <i>P. ampullacea</i>		Pakan VITE FF-999	Pakan <i>P. ampullacea</i>
0	0,3	0,3	8	1,7	1,46
1	0,46	0,35	9	1,87	1,61
2	0,67	0,49	10	2,05	1,77
3	0,85	0,67	11	2,22	1,92
4	1,09	0,88	12	2,39	2,07
5	1,24	1,06	13	2,56	2,23
6	1,39	1,13	14	2,74	2,38
7	1,43	1,31	15	2,91	2,53

Catatan : Pekan 0-7 data hasil analisis
Pekan 8-15 data hasil prediksi

Lampiran 7. Perhitungan Data Prediksi

1. Data Prediksi Kenaikan Panjang *Clarias* sp.

1.1 *Clarias* sp. yang diberi pakan VITE FF-999

1.1.1 Pekan 8

$$y = 0,991x + 6,3892$$

$$y = (0,991 \times 8) + 6,3892$$

$$y = 14,31 \text{ cm}$$

1.1.5 Pekan 12

$$y = 0,991x + 6,3892$$

$$y = (0,991 \times 12) + 6,3892$$

$$y = 18,28 \text{ cm}$$

1.1.2 Pekan 9

$$y = 0,991x + 6,3892$$

$$y = (0,991 \times 9) + 6,3892$$

$$y = 15,30 \text{ cm}$$

1.1.6 Pekan 13

$$y = 0,991x + 6,3892$$

$$y = (0,991 \times 13) + 6,3892$$

$$y = 19,27 \text{ cm}$$

1.1.3 Pekan 10

$$y = 0,991x + 6,3892$$

$$y = (0,991 \times 10) + 6,3892$$

$$y = 16,29 \text{ cm}$$

1.1.7 Pekan 14

$$y = 0,991x + 6,3892$$

$$y = (0,991 \times 14) + 6,3892$$

$$y = 20,26 \text{ cm}$$

1.1.4 Pekan 11

$$y = 0,991x + 6,3892$$

$$y = (0,991 \times 11) + 6,3892$$

$$y = 17,29 \text{ cm}$$

1.1.8 Pekan 15

$$y = 0,991x + 6,3892$$

$$y = (0,991 \times 15) + 6,3892$$

$$y = 21,25 \text{ cm}$$

1.2 *Clarias* sp. yang diberi pakan *P. ampullacea*

1.2.1 Pekan 8

$$y = 0,9945x + 6,0142$$

$$y = (0,9945 \times 8) + 6,0142$$

$$y = 13,97 \text{ cm}$$

1.2.2 Pekan 9

$$y = 0,9945x + 6,0142$$

$$y = (0,9945 \times 9) + 6,0142$$

$$y = 14,96 \text{ cm}$$

1.2.3 Pekan 10

$$y = 0,9945x + 6,0142$$

$$y = (0,9945 \times 10) + 6,0142$$

$$y = 15,95 \text{ cm}$$

1.2.4 Pekan 11

$$y = 0,9945x + 6,0142$$

$$y = (0,9945 \times 11) + 6,0142$$

$$y = 16,95 \text{ cm}$$

1.2.5 Pekan 12

$$y = 0,9945x + 6,0142$$

$$y = (0,9945 \times 12) + 6,0142$$

$$y = 17,94 \text{ cm}$$

1.2.6 Pekan 13

$$y = 0,9945x + 6,0142$$

$$y = (0,9945 \times 13) + 6,0142$$

$$y = 18,94 \text{ cm}$$

1.2.7 Pekan 14

$$y = 0,9945x + 6,0142$$

$$y = (0,9945 \times 14) + 6,0142$$

$$y = 19,93 \text{ cm}$$

1.2.8 Pekan 15

$$y = 0,9945x + 6,0142$$

$$y = (0,9945 \times 15) + 6,0142$$

$$y = 20,93 \text{ cm}$$

2. Data Prediksi Kenaikan Bobot *Clarias* sp.

2.1 *Clarias* sp. yang diberi pakan VITE FF-999

2.1.1 Pekan 8

$$y = 1,9842x + 0,3167$$

$$y = (1,9842 \times 8) + 0,3167$$

$$y = 16,19 \text{ gram}$$

2.1.2 Pekan 9

$$y = 1,9842x + 0,3167$$

$$y = (1,9842 \times 9) + 0,3167$$

$$y = 18,17 \text{ gram}$$

2.1.3 Pekan 10

$$y = 1,9842x + 0,3167$$

$$y = (1,9842 \times 10) + 0,3167$$

$$y = 20,15 \text{ gram}$$

2.1.4 Pekan 11

$$y = 1,9842x + 0,3167$$

$$y = (1,9842 \times 11) + 0,3167$$

$$y = 22,14 \text{ gram}$$

2.1.5 Pekan 12

$$y = 1,9842x + 0,3167$$

$$y = (1,9842 \times 12) + 0,3167$$

$$y = 24,12 \text{ gram}$$

2.1.6 Pekan 13

$$y = 1,9842x + 0,3167$$

$$y = (1,9842 \times 13) + 0,3167$$

$$y = 26,11 \text{ gram}$$

2.1.7 Pekan 14

$$y = 1,9842x + 0,3167$$

$$y = (1,9842 \times 14) + 0,3167$$

$$y = 28,09 \text{ gram}$$

2.1.8 Pekan 15

$$y = 1,9842x + 0,3167$$

$$y = (1,9842 \times 15) + 0,3167$$

$$y = 30,07 \text{ gram}$$

2.2 *Clarias* sp. yang diberi pakan *P. ampullacea***2.2.1 Pekan 8**

$$y = 2,0948x - 0,0242$$

$$y = (2,0948 \times 8) - 0,0242$$

$$y = 16,73 \text{ gram}$$

2.2.5 Pekan 12

$$y = 2,0948x - 0,0242$$

$$y = (2,0948 \times 12) - 0,0242$$

$$y = 25,11 \text{ gram}$$

2.2.2 Pekan 9

$$y = 2,0948x - 0,0242$$

$$y = (2,0948 \times 9) - 0,0242$$

$$y = 18,82 \text{ gram}$$

2.2.6 Pekan 13

$$y = 2,0948x - 0,0242$$

$$y = (2,0948 \times 13) - 0,0242$$

$$y = 27,2 \text{ gram}$$

2.2.3 Pekan 10

$$y = 2,0948x - 0,0242$$

$$y = (2,0948 \times 10) - 0,0242$$

$$y = 20,92 \text{ gram}$$

2.2.7 Pekan 14

$$y = 2,0948x - 0,0242$$

$$y = (2,0948 \times 14) - 0,0242$$

$$y = 29,3 \text{ gram}$$

2.2.4 Pekan 11

$$y = 2,0948x - 0,0242$$

$$y = (2,0948 \times 11) - 0,0242$$

$$y = 23,01 \text{ gram}$$

2.2.8 Pekan 15

$$y = 2,0948x - 0,0242$$

$$y = (2,0948 \times 15) - 0,0242$$

$$y = 31,39 \text{ gram}$$

3. Prediksi Kenaikan Kadar Protein *Clarias* sp.

3.1 *Clarias* sp. yang diberi pakan VITE FF-999

3.1.1 Pekan 8

$$y = 0,5688x + 4,9242$$

$$y = (0,5688 \times 8) + 4,9242$$

$$y = 9,47\%$$

3.1.5 Pekan 12

$$y = 0,5688x + 4,9242$$

$$y = (0,5688 \times 12) + 4,9242$$

$$y = 11,74\%$$

3.1.2 Pekan 9

$$y = 0,5688x + 4,9242$$

$$y = (0,5688 \times 9) + 4,9242$$

$$y = 10,04\%$$

3.1.6 Pekan 13

$$y = 0,5688x + 4,9242$$

$$y = (0,5688 \times 13) + 4,9242$$

$$y = 12,31\%$$

3.1.3 Pekan 10

$$y = 0,5688x + 4,9242$$

$$y = (0,5688 \times 10) + 4,9242$$

$$y = 10,61\%$$

3.1.7 Pekan 14

$$y = 0,5688x + 4,9242$$

$$y = (0,5688 \times 14) + 4,9242$$

$$y = 12,88\%$$

3.1.4 Pekan 11

$$y = 0,5688x + 4,9242$$

$$y = (0,5688 \times 11) + 4,9242$$

$$y = 11,18\%$$

3.1.8 Pekan 15

$$y = 0,5688x + 4,9242$$

$$y = (0,5688 \times 15) + 4,9242$$

$$y = 13,45\%$$

3.2 *Clarias* sp. yang diberi pakan *P. ampullacea*

3.2.1 Pekan 8

$$y = 0,732x + 4,6167$$

$$y = (0,732 \times 8) + 4,6167$$

$$y = 10,47\%$$

3.2.2 Pekan 9

$$y = 0,732x + 4,6167$$

$$y = (0,732 \times 9) + 4,6167$$

$$y = 11,20\%$$

3.2.3 Pekan 10

$$y = 0,732x + 4,6167$$

$$y = (0,732 \times 10) + 4,6167$$

$$y = 11,93\%$$

3.2.4 Pekan 11

$$y = 0,732x + 4,6167$$

$$y = (0,732 \times 11) + 4,6167$$

$$y = 12,66\%$$

3.2.5 Pekan 12

$$y = 0,732x + 4,6167$$

$$y = (0,732 \times 12) + 4,6167$$

$$y = 13,4\%$$

3.2.6 Pekan 13

$$y = 0,732x + 4,6167$$

$$y = (0,732 \times 13) + 4,6167$$

$$y = 14,13\%$$

3.2.7 Pekan 14

$$y = 0,732x + 4,6167$$

$$y = (0,732 \times 14) + 4,6167$$

$$y = 14,86\%$$

3.2.8 Pekan 15

$$y = 0,732x + 4,6167$$

$$y = (0,732 \times 15) + 4,6167$$

$$y = 15,59\%$$

4. Prediksi Kenaikan Kadar Lemak *Clarias* sp.

4.1 *Clarias* sp. yang diberi pakan VITE FF-999

4.1.1 Pekan 8

$$y = 0,1727x + 0,3242$$

$$y = (0,1727 \times 8) + 0,3242$$

$$y = 1,7\%$$

4.1.2 Pekan 9

$$y = 0,1727x + 0,3242$$

$$y = (0,1727 \times 9) + 0,3242$$

$$y = 1,87\%$$

4.1.3 Pekan 10

$$y = 0,1727x + 0,3242$$

$$y = (0,1727 \times 10) + 0,3242$$

$$y = 2,05\%$$

4.1.4 Pekan 11

$$y = 0,1727x + 0,3242$$

$$y = (0,1727 \times 11) + 0,3242$$

$$y = 2,22\%$$

4.1.5 Pekan 12

$$y = 0,1727x + 0,3242$$

$$y = (0,1727 \times 12) + 0,3242$$

$$y = 2,39\%$$

4.1.6 Pekan 13

$$y = 0,1727x + 0,3242$$

$$y = (0,1727 \times 13) + 0,3242$$

$$y = 2,56\%$$

4.1.7 Pekan 14

$$y = 0,1727x + 0,3242$$

$$y = (0,1727 \times 14) + 0,3242$$

$$y = 2,74\%$$

4.1.8 Pekan 15

$$y = 0,1727x + 0,3242$$

$$y = (0,1727 \times 15) + 0,3242$$

$$y = 2,91\%$$

4.2 *Clarias* sp. yang diberi pakan *P. ampullacea*

4.2.1 Pekan 8

$$y = 0,1535x + 0,2367$$

$$y = (0,1535 \times 8) + 0,2367$$

$$y = 1,46\%$$

4.2.4 Pekan 11

$$y = 0,1535x + 0,2367$$

$$y = (0,1535 \times 11) + 0,2367$$

$$y = 1,92\%$$

4.2.2 Pekan 9

$$y = 0,1535x + 0,2367$$

$$y = (0,1535 \times 9) + 0,2367$$

$$y = 1,61\%$$

4.2.5 Pekan 12

$$y = 0,1535x + 0,2367$$

$$y = (0,1535 \times 12) + 0,2367$$

$$y = 2,07\%$$

4.2.3 Pekan 10

$$y = 0,1535x + 0,2367$$

$$y = (0,1535 \times 10) + 0,2367$$

$$y = 1,77\%$$

4.2.6 Pekan 13

$$y = 0,1535x + 0,2367$$

$$y = (0,1535 \times 13) + 0,2367$$

$$y = 2,23\%$$

4.2.7 Pekan 14

$$y = 0,1535x + 0,2367$$

$$y = (0,1535 \times 14) + 0,2367$$

$$y = 2,38\%$$

4.2.8 Pekan 15

$$y = 0,1535x + 0,2367$$

$$y = (0,1535 \times 15) + 0,2367$$

$$y = 2,53\%$$

Lampiran 8. Kandungan Nutrisi Pakan

Sampel	(%)			
	Kadar air	Kadar abu	Kadar protein	Kadar lemak
<i>P. ampullaceal</i>	7,97	10,36	50,17	4,16
Pakan <i>P. ampullacea</i>	10,49	8,26	48,74	3,6
Pakan VITE FF-999	10,53	11,53	32,31	4,76