BAB V

KESIMPULAN DAN SARAN

5.1 Kesimpulan

Hasil penelitian menunjukan angka koefisien fenol yang berbeda-beda dari ketiga produk desinfektan. Sampel A dengan angka koefisien fenol 0,75, sampel B dengan angka koefisien fenol 0,86 dan sampel C angka koefisien fenol 1,05. Produk desinfektan dengan angka tertinggi (1,05) yaitu pada sampel C dan produk desinfektan dengan angka teredah yaitu (0,75) sampel A.

5.2 Saran

Dari hasil pengujian tersebut, penulis dapat memberikan saran : masyarakat lebih selektif lagi dalam memilih produk desinfektan yang akan digunakan sehari-hari.

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L A M P I R A N

Lampiran 1. Komposisi Media Yang Digunakan Dalam Penelitian

1. PseudomonasSelektif Agar (PSA)

Gelatin pepton ..... 20,0 gr
Magnesium chloride ..... 1,4 gr
Potassium sulphate ..... 1,0 gr
Cetrimide ..... 0,05 gr
Agar ..... 3 gr

2. Kliger's Iron Agar (KIA)

Peptone from cassein..... 15,0 gr
Peptone from meat..... 5,0 gr
Meat extract..... 3,0 gr
Yeast extract..... 3,0 gr
Sodium chloride..... 5,0 gr
Lactose ..... 10,0 gr
Glucose..... 1,0 gr
Ammonium iron (III) citrate..... 0,5 gr
Sodium thiosulphate..... 0,5 gr
Phenol red ..... 0,024 gr
Agar ..... 0,024 gr

3. Sulfit Indol Motilitas (SIM)

Pepton from casei..... 20,0 gr
Pepto from meat..... 5,6 gr
Ammonium iron (III)..... 0,2 gr
Sodium thiosulphate..... 0,2 gr
Agar ..... 3,0 gr

4. Lysine Iron Agar (LIA)

Pepton from meat ..... 5,0 gr
Yeast extract ..... 3,0 gr
Glucose ..... 1,0 gr
Lysine monohidrochloride ..... 10,0 gr
Sodium thiosulphate ..... 0,04 gr
Ammonium iron (III) citrate ..... 0,5 gr
Sodium thiosulphate ..... 0,5 gr
Bromo cresol purple ..... 0,024 gr
Agar ..... 12,5 gr

5. Citrate Agar

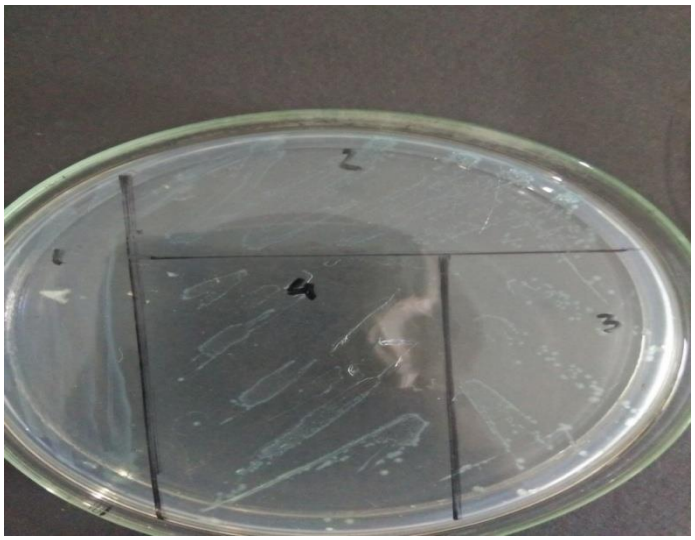
Ammonium hidrogen fosfat ..... 5,0 gr
Di – potasium hidrogen fosfat ..... 3,0 gr
Sodium chloride ..... 1,0 gr
Sodium citrate ..... 2,0 r
Magnesium sulfat ..... 0,5 gr
Bromo thymol blue ..... 0,5 gr
Agar ..... 12,5 gr

6. *Brain Heart Infusion* (BHI)

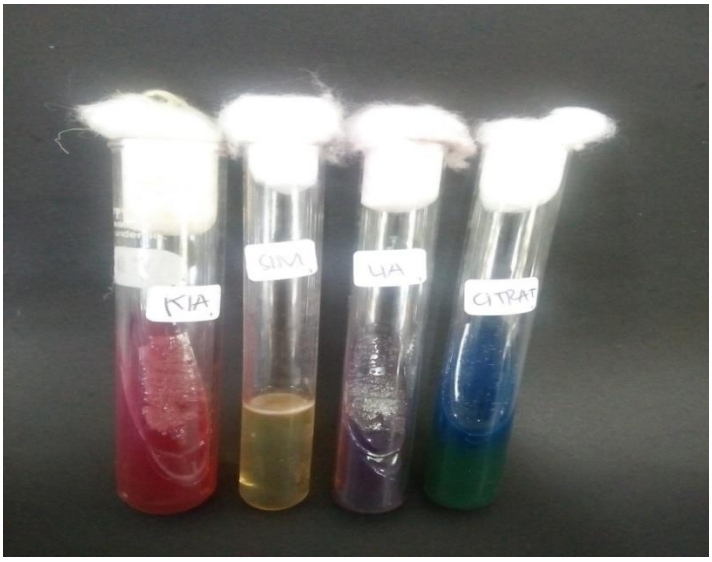
Caft Brain Infusion padat ..... 12,5 gr
Beef Heart Infusion padat ..... 5,0 gr
Protease pepton ..... 10,0 gr
Glukose ..... 2,0 gr
Sodium cloride ..... 5,0 gr
Di-sodium phosphate ..... 2,5 gr

Lampiran 2. Gambar Hasil Penelitian

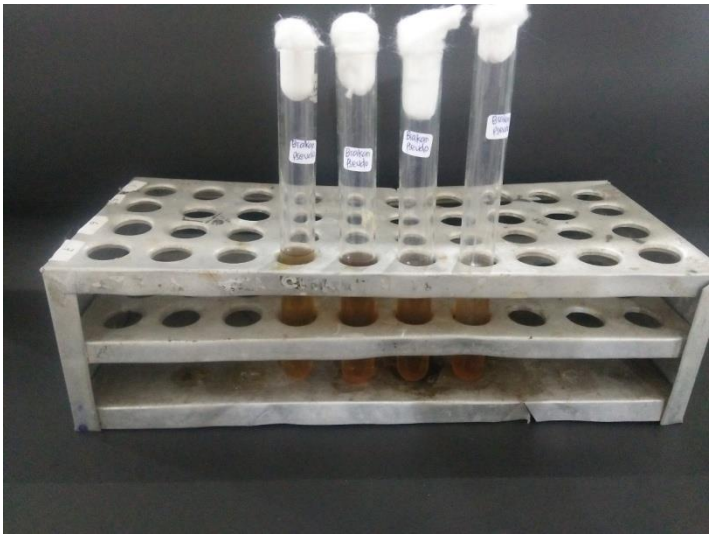
Sampel Desifektan A, B dan C



Hasil Iokulasi *Pseudomoas aerugiosa*

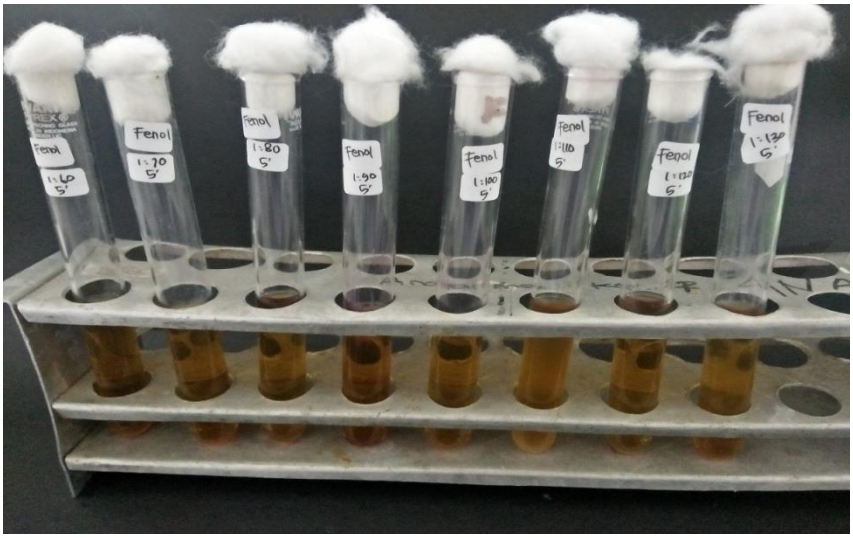


Hasil Uji Biokimia *Pseudomonas aeruginosa*



Biakan *Pseudomonas aeruginosa* pada media BHI

Hasil Uji Fenol 5%



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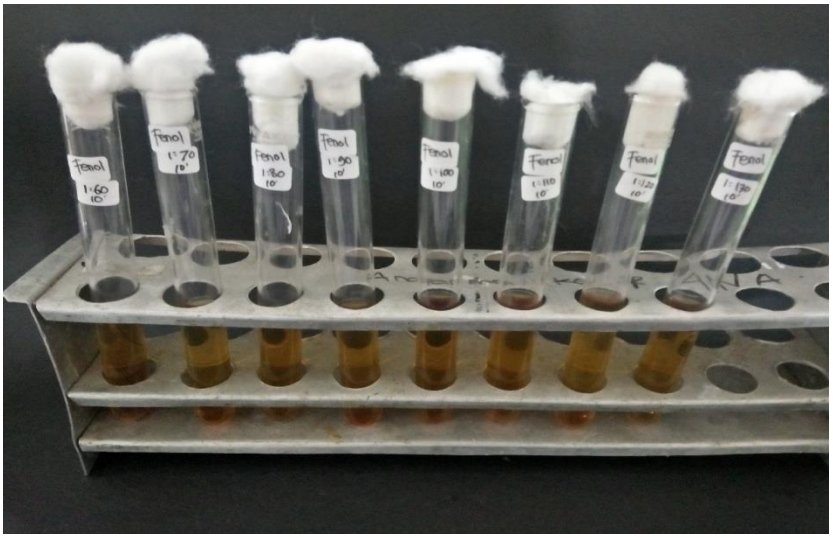

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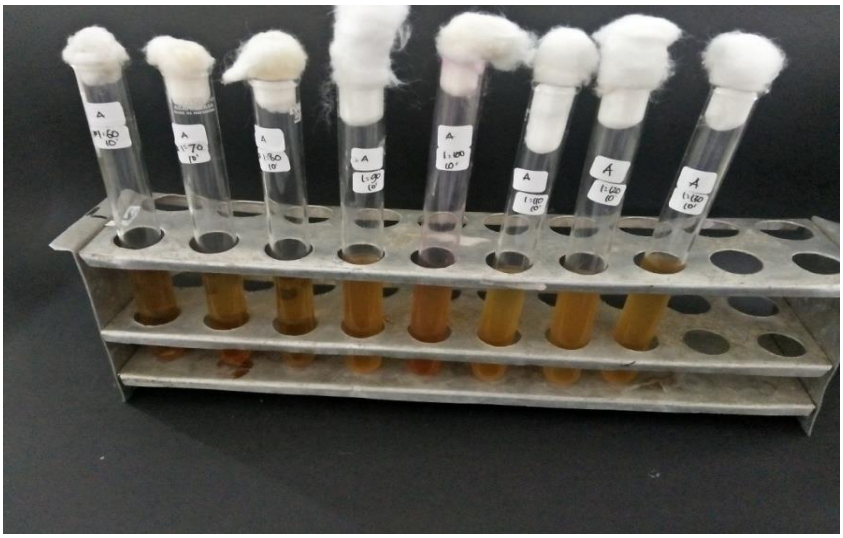
Hasil Uji Produk Desinfektan A



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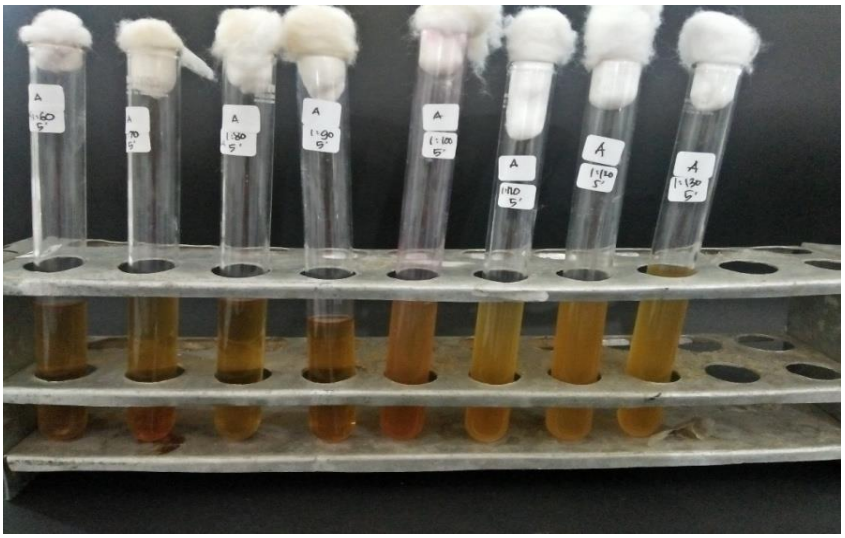

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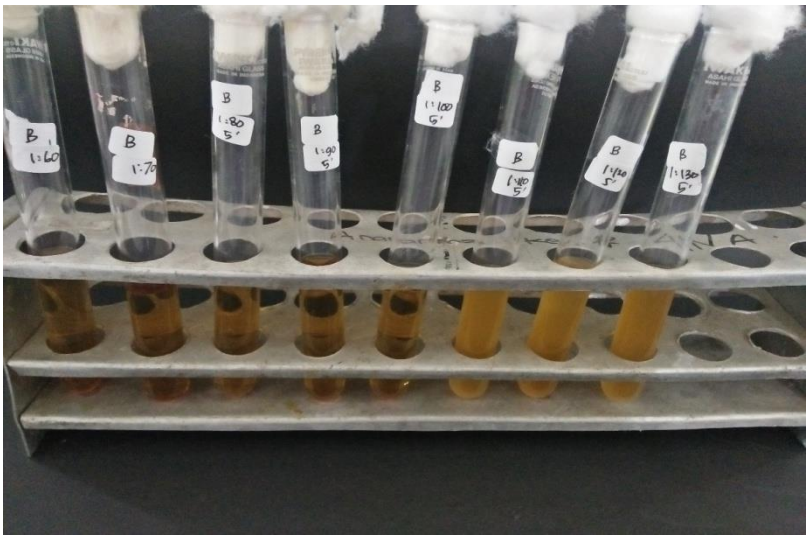
Hasil Uji Produk Desinfektan B



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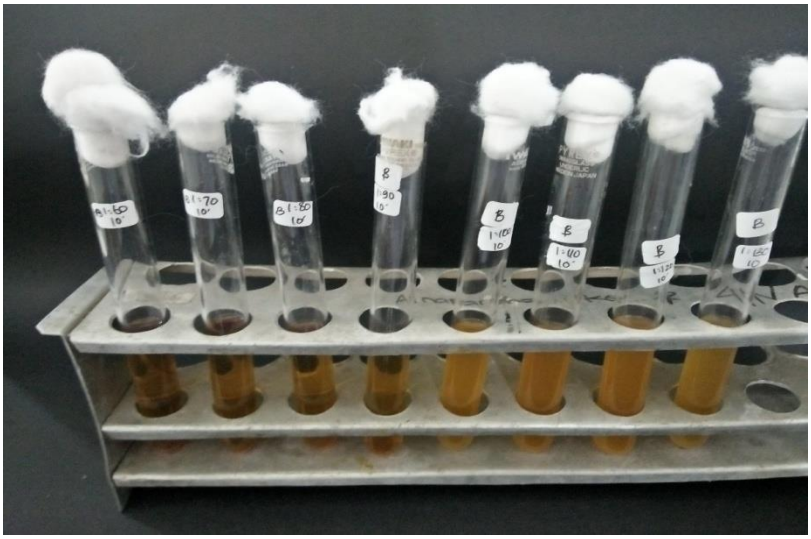

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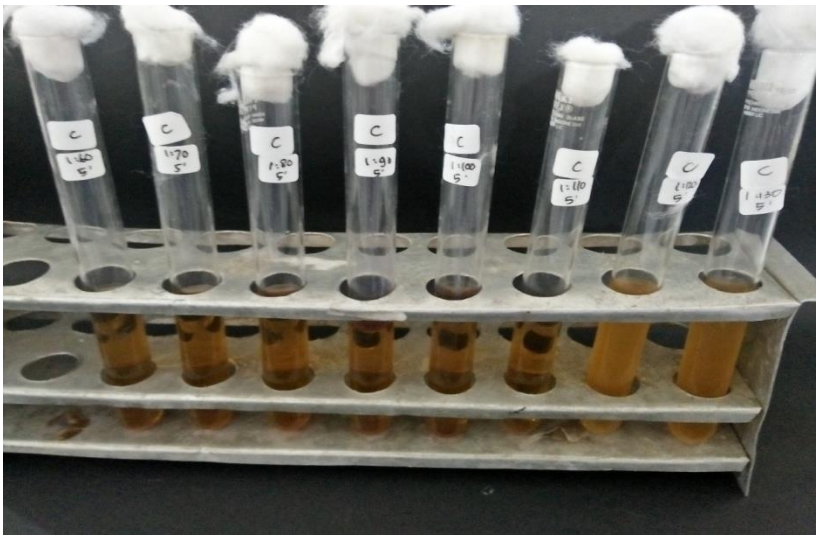
Hasil Uji Produk Desinfektan C



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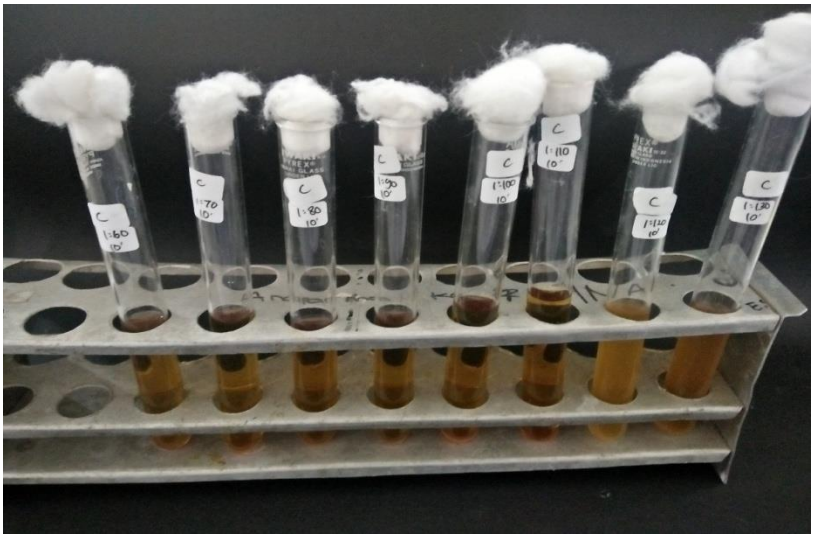

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