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LAMPIRAN

Lampiran 1. perhitungan

Perhitungan molalitas

AgNo₃ 4 mM = 0.004 M dalam 50 ml Aquadest

$$0.004 \text{ M} = \frac{x}{Mr} \times \frac{1000}{50}$$

$$0.004 \text{ M} = \frac{x}{170} \times 20$$

$$20 \times x = 0.004 \times 170$$

$$x = \frac{0.68}{20}$$

$$x = 0.034 \text{ gr}$$

Perhitungan ekstrak

1. Konsentrasi 0.125 % dalam 10 mL pelarut

$$= \frac{0.125}{100} \times 10 \text{ ml}$$

$$= 0.0125 \text{ g}$$

2. Konsentrasi 0.25 % dalam 10 ml pelarut

$$= \frac{0.25}{100} \times 10 \text{ ml}$$

$$= 0.025 \text{ g}$$

3. Konsentrasi 0.5 % dalam 10 ml Pelarut

$$= \frac{0.5}{100} \times 10 \text{ ml}$$

$$= 0.05 \text{ g}$$

Perhitungan viskositas

1. Tanpa PVA

$$\frac{n_1}{n_2} = \frac{\rho_1 t_1}{\rho_2 t_2}$$

$$\frac{1}{n_2} = \frac{1 \times 1}{1.01506 \times 3.99}$$

$$\frac{1}{n_2} = \frac{1}{4.0500894}$$

$$\frac{1}{n_2} = 0.246981$$

$$n_2 = 4.05008 \text{ cps}$$

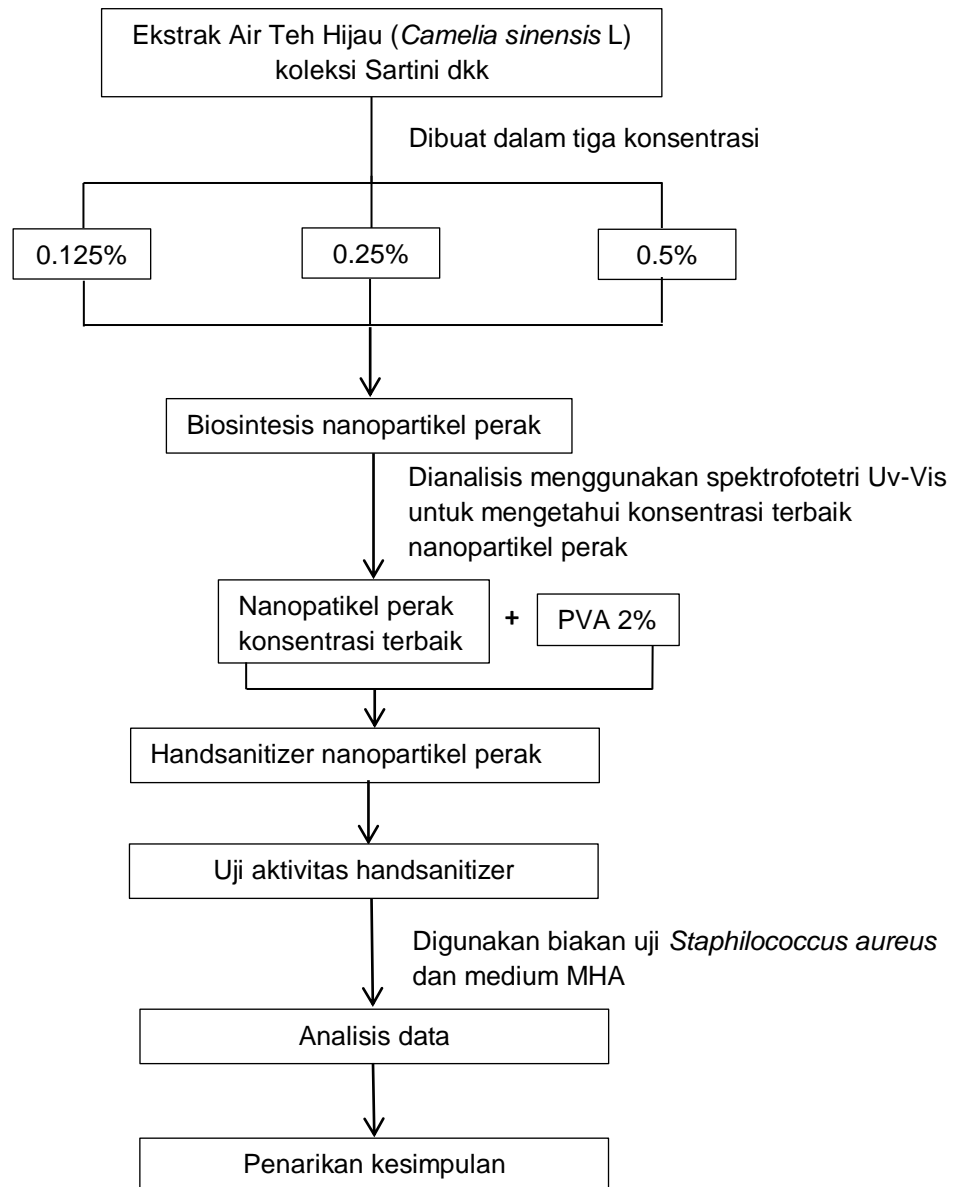
2. Dengan PVA

$$\frac{n_1}{n_2} = \frac{\rho_1 t_1}{\rho_2 t_2}$$

$$\frac{1}{n_2} = \frac{1 \times 1}{0.99403 \times 4.66}$$

$$\frac{1}{n_2} = \frac{1}{4.6388066}$$

$$n_2 = 4.63880 \text{ cps}$$

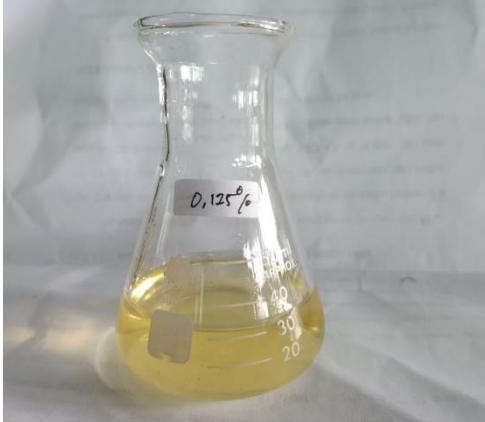
Lampiran 2. Skema Kerja

Lampiran 3. Komposisi Medium

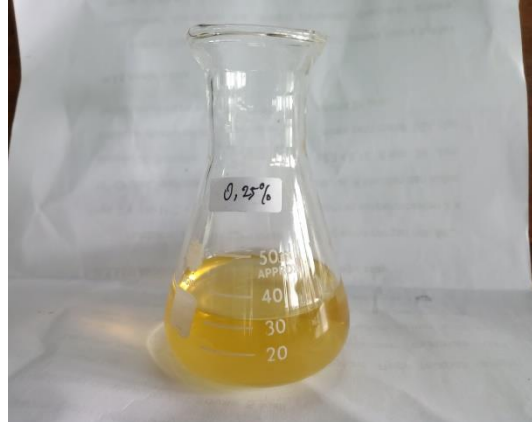
1. *Mueller Hinton Agar*

<i>Beef infusion</i>	2 gram
<i>Acid hydrolysate of casein</i>	17,5 gram
<i>Starch</i>	1,5 gram
<i>Agar</i>	17 gram
<i>Aquadest</i>	1 Liter

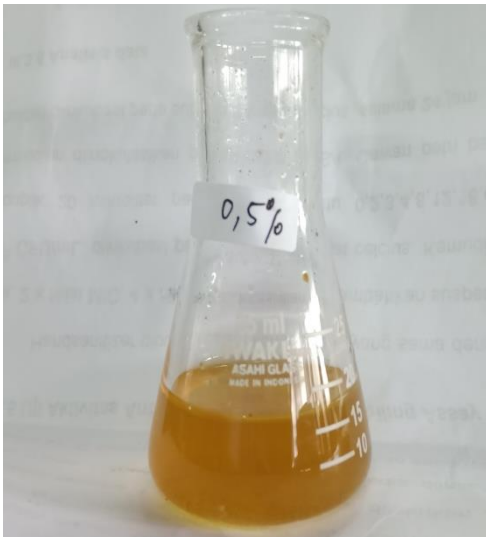
Lampiran 4. Dokumentasi penelitian



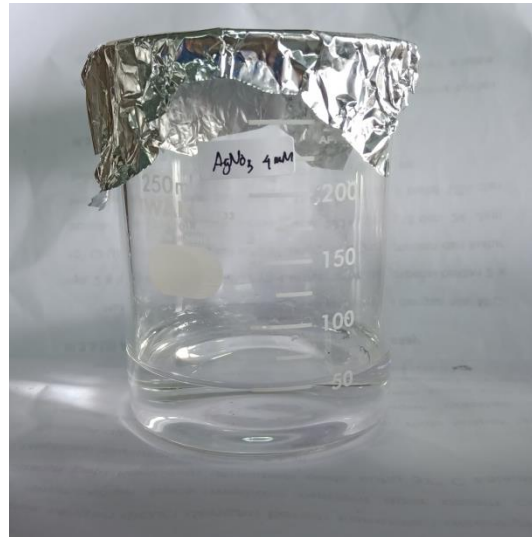
Pembuatan ekstrak kons 0.125%



Pembuatan ekstrak kons 0.25%



Pembuatan ekstrak kons 0.5%



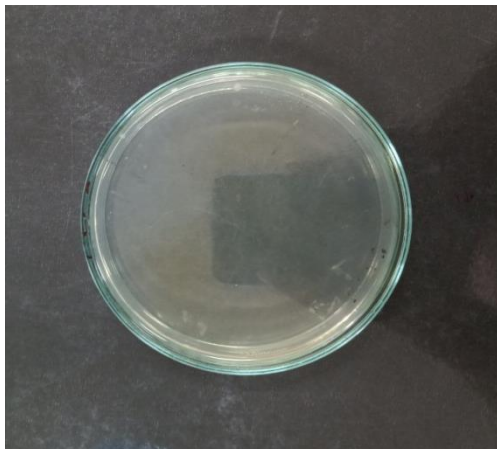
Pembuatan larutan AgNO₃



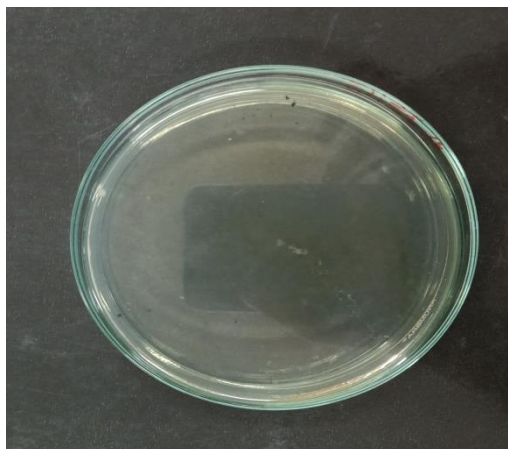
Pembuatan PVA 2%
dan larutan AgNO₃



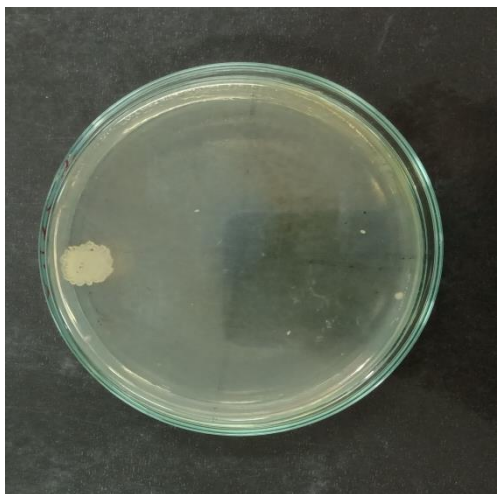
Perbandingan campuran nanopartikel perak



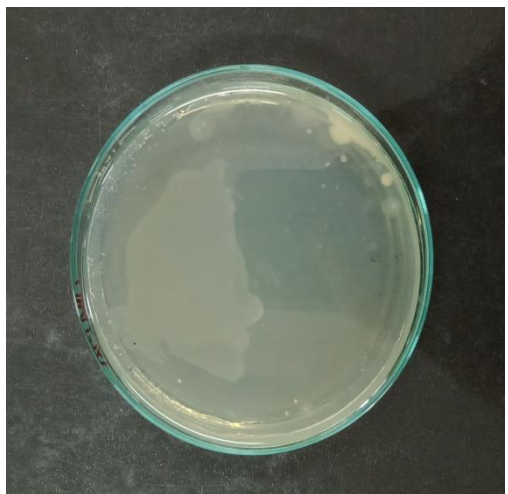
Hari pertama Nanopartikel perak + PVA 1



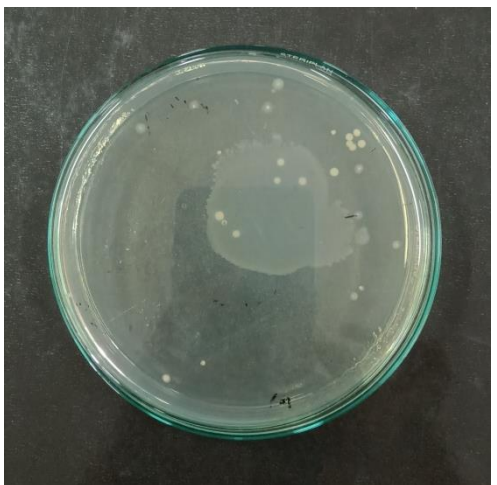
Hari pertama Nanopartikel perak + PVA 2



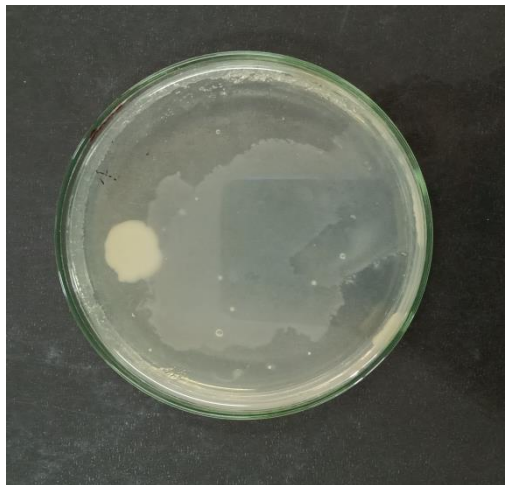
Hari pertama Nanopartikel perak + PVA 2



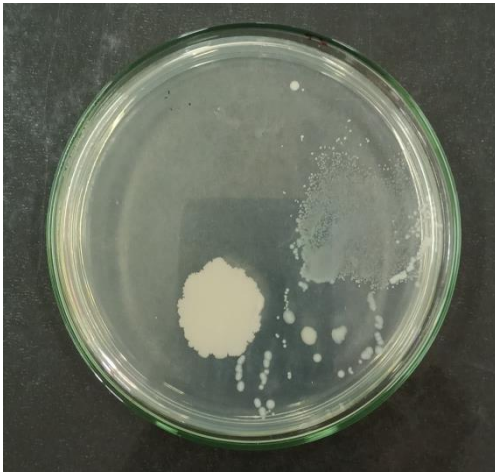
Hari pertama AgNO3 + PVA 1



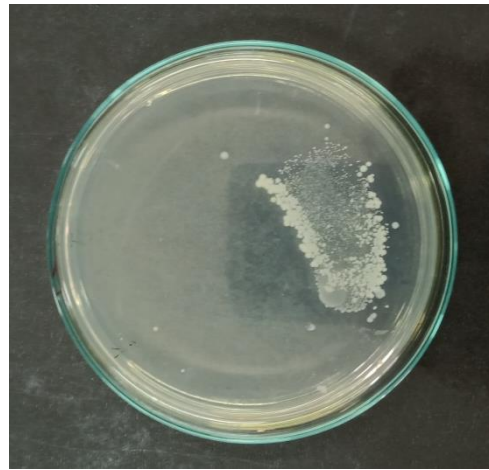
Hari pertama AgNO3 + PVA



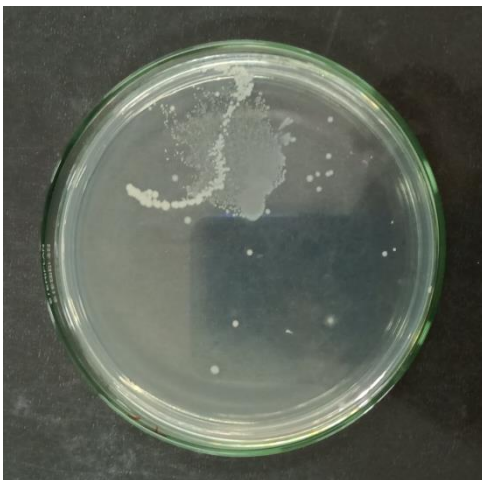
Hari pertama AgNO3 + PVA 1



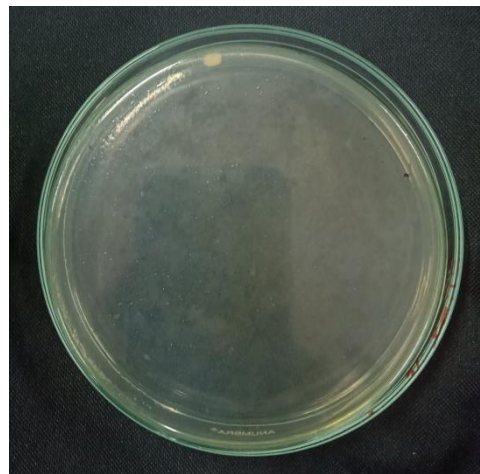
Hari pertama Kontrol Positif 1



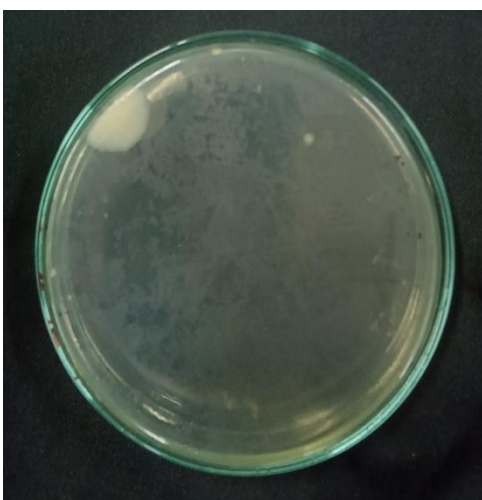
Hari pertama kontrol positif 2



Hari Pertama Kontrol positif 3



Hari kedua Nanopartikel Perak + PVA 1



Hari kedua Nanopartikel perak+ PVA 2



Hari kedua Nanopartikel perak+ PVA 3



Hari kedua AgNO3 + PVA 1



Hari kedua AgNO3 + PVA 2



Hari kedua AgNO3 + PVA 3



Hari kedua kontrol positif 1



Hari kedua kontrol positif 2



Hari kedua kontrol positif 3