

## LAMPIRAN

### Lampiran 1. 1 Perhitungan Media

#### 1. Perhitungan Media LB

- Media LB =  $\frac{\text{gr}}{1000 \text{ ml}} \times \frac{\text{gr yang dibutuhkan}}{\text{ml yang dibutuhkan}}$
- Media LB =  $\frac{13}{1000 \text{ ml}} \times \frac{\text{gr}}{1100 \text{ ml}}$
- Media LB = 14,3 gram dilarutkan dalam 1100 ml aquadest

#### 2. Perhitungan Media BGLB

- Media BGLB =  $\frac{\text{gr}}{1000 \text{ ml}} \times \frac{\text{gr yang dibutuhkan}}{\text{ml yang dibutuhkan}}$
- Media BGLB =  $\frac{40}{1000 \text{ ml}} \times \frac{\text{gr}}{400 \text{ ml}}$
- Media BGLB = 16 gram dilarutkan dalam 500 ml aquadest









#### 3. Perhitungan Media EMB Agar









- Media EMB Agar =  $\frac{\text{gr}}{1000 \text{ ml}} \times \frac{\text{gr yang dibutuhkan}}{\text{ml yang dibutuhkan}}$
- Media EMB Agar =  $\frac{36,47}{1000 \text{ ml}} \times \frac{\text{gr}}{400 \text{ ml}}$
- Media EMB Agar =  
14,4 gram dilarutkan dalam 400 ml aquadest




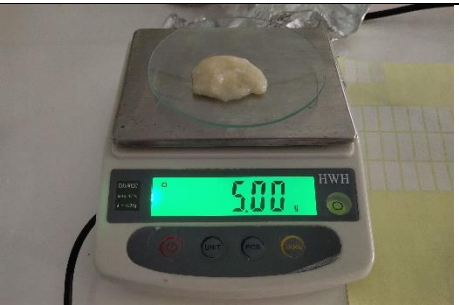




#### 4. Perhitungan Pepton dilution Fluid







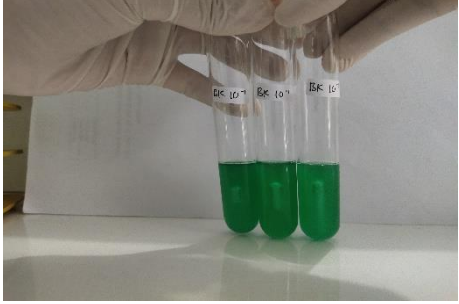
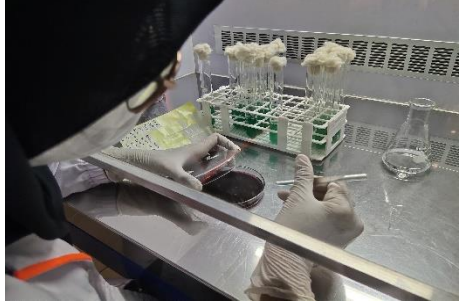
- Media Pepton =  $\frac{\text{gr}}{1000 \text{ ml}} \times \frac{\text{gr yang dibutuhkan}}{\text{ml yang dibutuhkan}}$
- Media Pepton =  $\frac{25,5 \text{ gr}}{1000 \text{ ml}} \times \frac{\text{gr}}{800 \text{ ml}}$
- Media Pepton = 20,40 gram dilarutkan dalam 800 ml aquadest


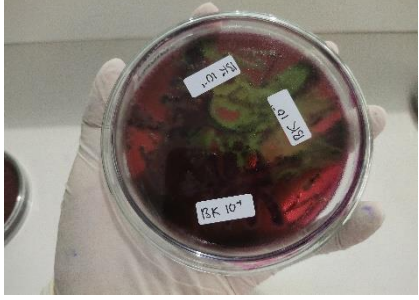
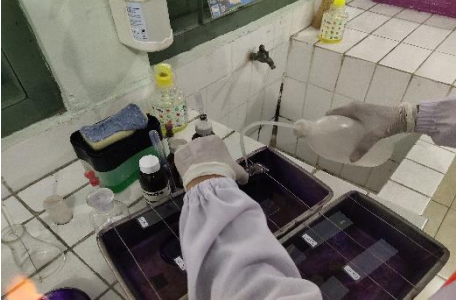
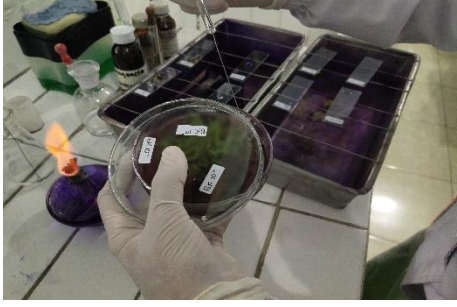

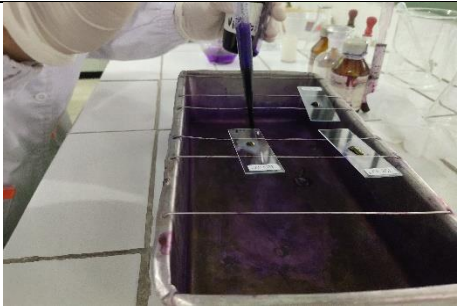
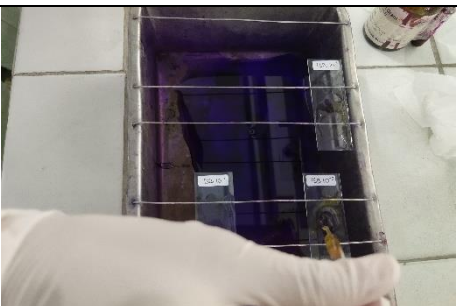
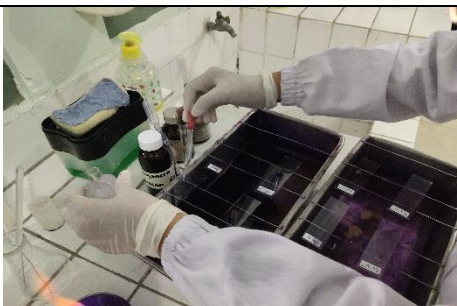
**Lampiran 1. 2 Prosedur Kerja Metode MPN**

<p>Preparasi alat</p>	<p>Sterilisasi alat dengan oven</p>
	
<p>Proses penimbangan media</p>	<p>Penimbangan media LB</p>
	
<p>Proses pencampuran media LB dengan aquadest</p>	<p>Proses penuangan kedalam tabung reaksi</p>
	
<p>Proses media LB dimasukkan kedalam tabung durham</p>	<p>Penimbangan media PDF</p>
	

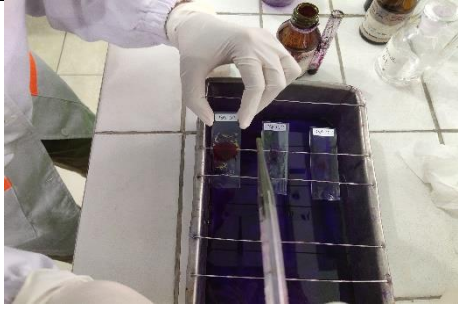
<p>Penimbangan media BGLB</p> 	<p>Proses pembuatan media BGLB</p> 
<p>Proses penuangan media BGLB kedalam tabung reaksi</p> 	<p>Penimbangan media EMBA</p> 
<p>Proses pembuatan media EMBA</p> 	<p>Proses penuangan media EMBA kedalam cawan petri</p> 
<p>Proses sterilisasi media</p> 	<p>Penyimpanan sampel dalam styrofoam box</p> 

<p>Sampel kode BB, BS dan BM</p> 	<p>Sampel kode BR, BK dan BU</p> 
<p>Proses penghalusan sampel</p> 	<p>Proses penimbangan sampel</p> 
<p>Proses preparasi sampel</p> 	<p>Proses pemipetan sampel kedalam media LB</p> 
<p>Proses pemipetan sampel kedalam media LB</p> 	<p>Proses penghomogenan</p> 

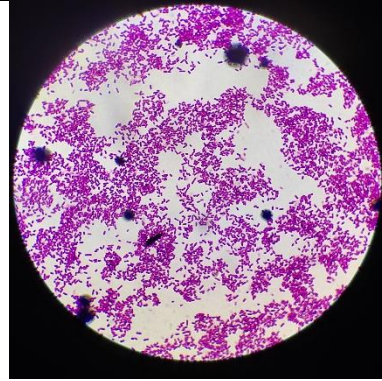
<p>Proses inkubasi</p>	<p>Hasil positif dengan adanya gelembung gas</p>
	
<p>Hasil negatif tanpa adanya gelembung gas</p>	<p>Proses sterilisasi ose dengan bunsen</p>
	
<p>Proses pengambilan bakteri dari media LB</p>	<p>Proses penanaman bakteri kedalam media BGLB</p>
	
<p>Hasil positif dari media BGLB</p>	<p>Proses inokulasi kedalam media EMB</p>
	

<p>Proses inkubasi media EMBA</p>	<p>Hasil positif pada media EMBA</p>
	
<p>Proses penambahan aquadest</p>	<p>Proses pengambilan isolat bakteri</p>
	
<p>Proses fiksasi</p>	<p>Proses penambahan kristal violet</p>
	
<p>Proses penambahan lugol</p>	<p>Proses penambahan ethanol 95%</p>
	

Penambahan fuchsin





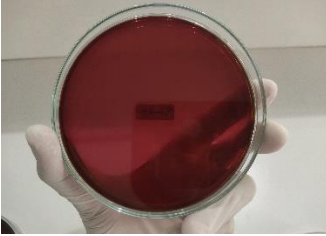

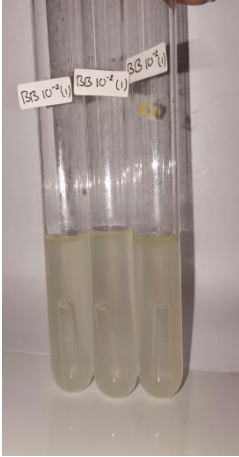
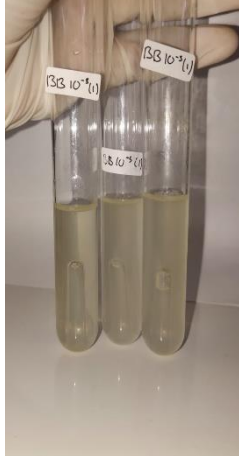

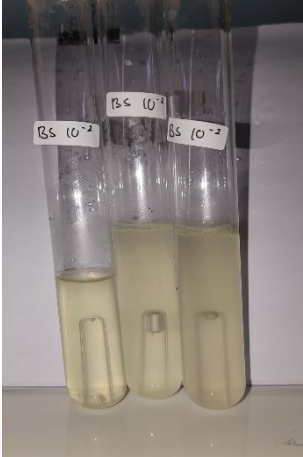
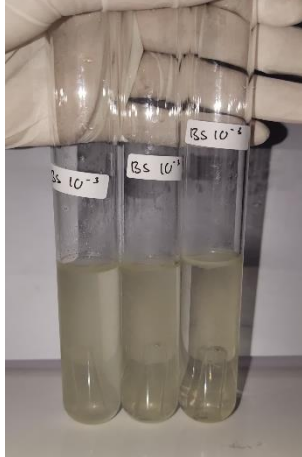
Hasil pewarnaan gram




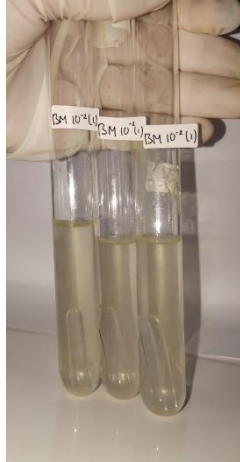


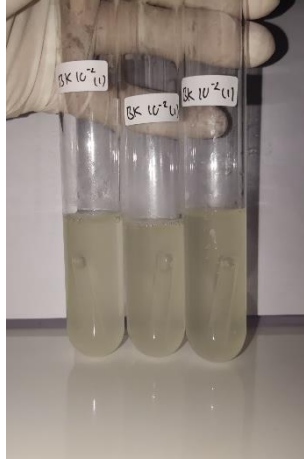
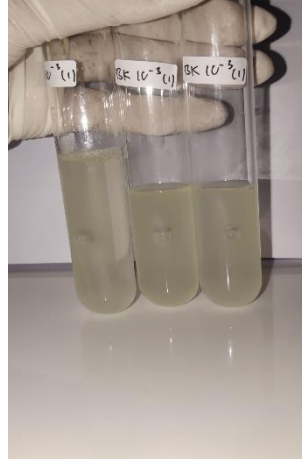
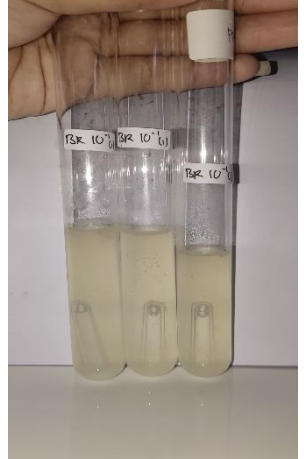

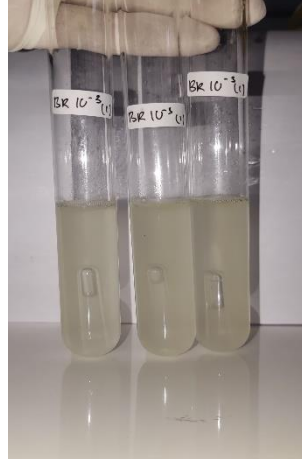
Proses destruksi

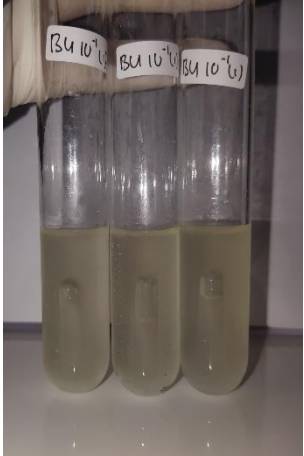
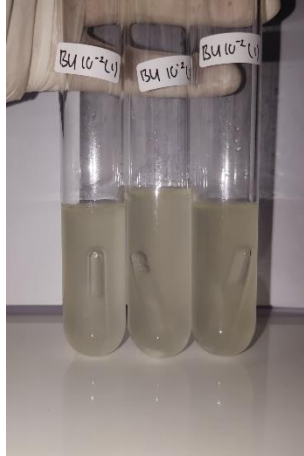

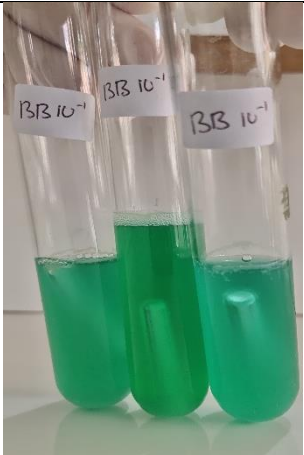
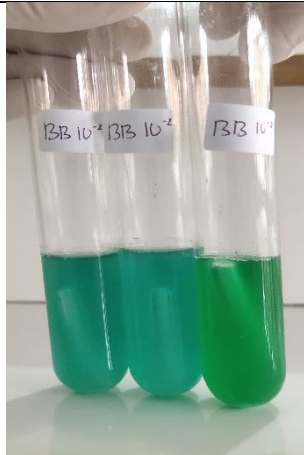

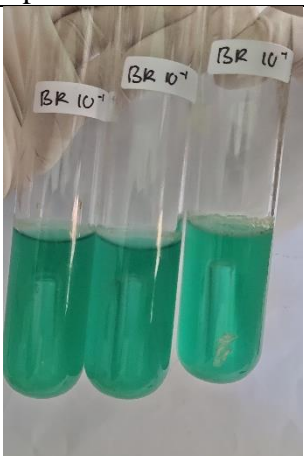
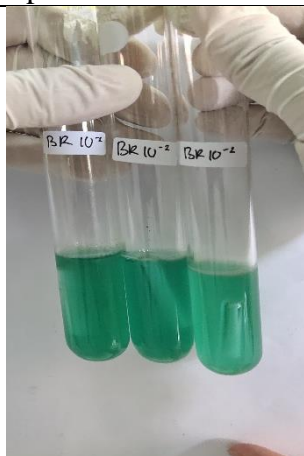



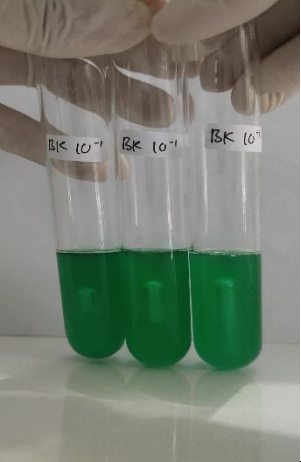
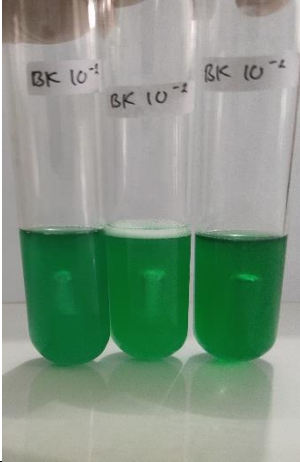
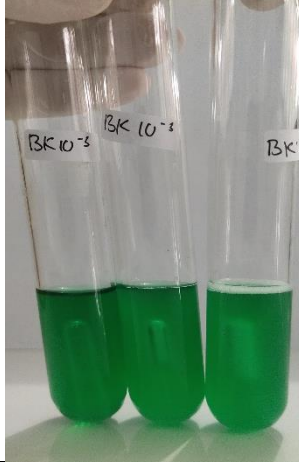


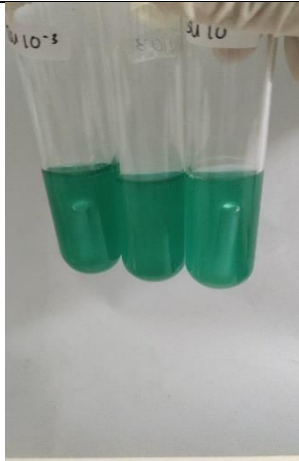

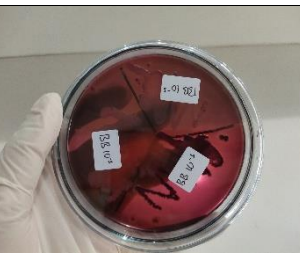
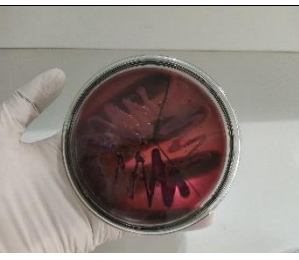

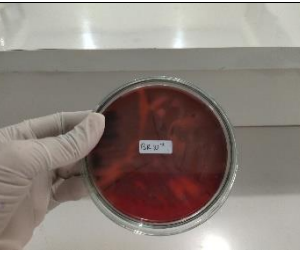
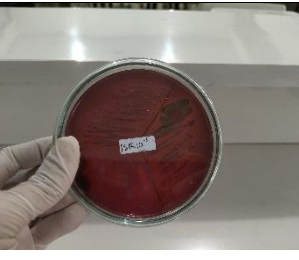
**Lampiran 1. 3 Hasil Penelitian Pada Bubur Bayi Home Industri**

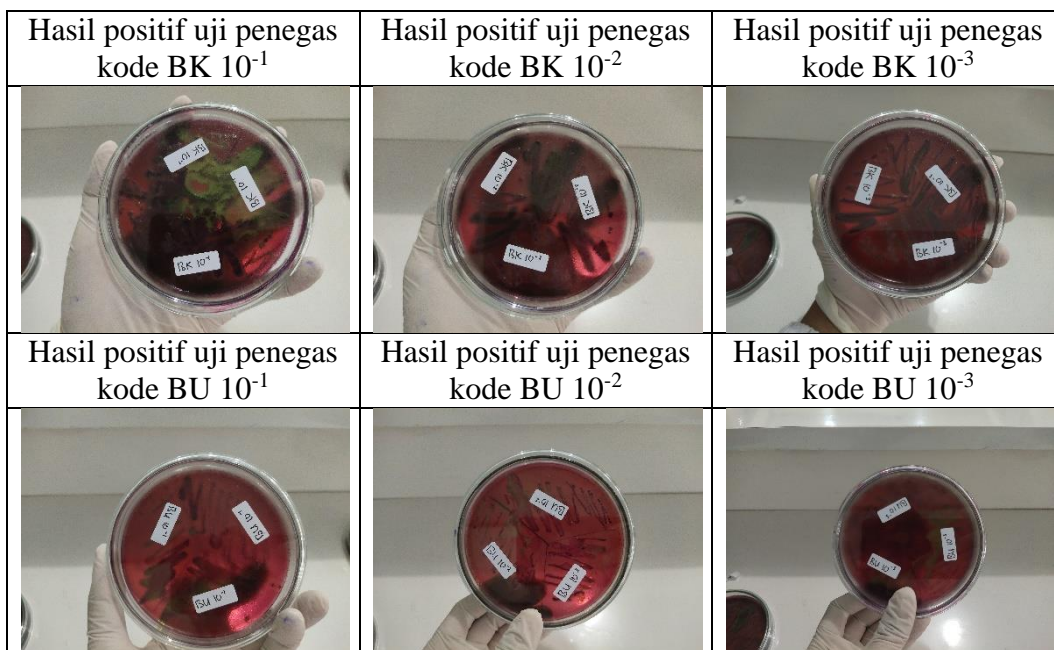
Blanko uji penduga	Blanko uji konfirmasi	Blanko uji penegas
		
<p>Hasil uji penduga positif kode BB 10<sup>-1</sup></p>	<p>Hasil uji penduga positif kode BB 10<sup>-2</sup></p>	<p>Hasil uji penduga positif kode BB 10<sup>-3</sup></p>
		
<p>Hasil uji penduga negatif kode BS 10<sup>-1</sup></p>	<p>Hasil uji penduga negatif kode BS 10<sup>-2</sup></p>	<p>Hasil uji penduga negatif kode BS 10<sup>-3</sup></p>
		



Hasil uji penduga negatif kode BM $10^{-1}$	Hasil uji penduga negatif kode BM $10^{-2}$	Hasil uji penduga negatif kode BM $10^{-3}$
		
Hasil uji penduga positif kode BK $10^{-1}$	Hasil uji penduga positif kode BK $10^{-2}$	Hasil uji penduga positif kode BK $10^{-3}$
		
Hasil uji penduga positif kode BR $10^{-1}$	Hasil uji penduga positif kode BR $10^{-2}$	Hasil uji penduga positif kode BR $10^{-3}$
		

<p>Hasil uji penduga positif kode BU <math>10^{-1}</math></p>	<p>Hasil uji penduga positif kode BU <math>10^{-2}</math></p>	<p>Hasil uji penduga positif kode BU <math>10^{-3}</math></p>
		
<p>Hasil uji konfirmasi positif kode BB <math>10^{-1}</math></p>	<p>Hasil uji konfirmasi positif kode BB <math>10^{-2}</math></p>	<p>Hasil uji konfirmasi positif kode BB <math>10^{-3}</math></p>
		
<p>Hasil uji konfirmasi positif kode BR <math>10^{-1}</math></p>	<p>Hasil uji konfirmasi positif kode BR <math>10^{-2}</math></p>	<p>Hasil uji konfirmasi positif kode BR <math>10^{-3}</math></p>
		

<p>Hasil uji konfirmasi positif kode BK <math>10^{-1}</math></p>	<p>Hasil uji konfirmasi positif kode BK <math>10^{-2}</math></p>	<p>Hasil uji konfirmasi positif kode BK <math>10^{-3}</math></p>
		
<p>Hasil uji konfirmasi positif kode BU <math>10^{-1}</math></p>	<p>Hasil uji konfirmasi positif kode BU <math>10^{-2}</math></p>	<p>Hasil uji konfirmasi positif kode BU <math>10^{-3}</math></p>
		
<p>Hasil positif uji penegas kode BB <math>10^{-1}</math></p>	<p>Hasil positif uji penegas kode BB <math>10^{-2}</math></p>	<p>Hasil positif uji penegas kode BB <math>10^{-3}</math></p>
		
<p>Hasil positif uji penegas kode BR <math>10^{-1}</math></p>	<p>Hasil positif uji penegas kode BR <math>10^{-2}</math></p>	<p>Hasil positif uji penegas kode BR <math>10^{-3}</math></p>
		



### Hasil Uji Penduga

Sampel	10 <sup>-1</sup>			10 <sup>-2</sup>			10 <sup>-3</sup>			Kombinasi positif
BB 1	3	3	3	3	3	3	3	3	3	3-3-3
BB 2	3	3	3	3	3	3	3	3	3	3-3-3
BM 1	0	0	0	0	0	0	0	0	0	0-0-0
BM 2	0	0	0	0	0	0	0	0	0	0-0-0
BS 1	0	0	0	3	3	3	0	0	0	0-3-0
BS 2	0	0	0	3	3	3	0	0	0	0-3-0
BR 1	3	3	3	3	3	3	3	3	3	3-3-3
BR 2	3	3	3	3	3	3	3	3	3	3-3-3
BK 1	3	3	3	3	3	3	3	3	3	3-3-3
BK 2	3	3	3	3	3	3	3	3	3	3-3-3
BU 1	3	3	3	3	3	3	3	3	3	3-3-3
BU 2	3	3	3	3	3	3	3	3	3	3-3-3

### Hasil Uji Konfirmasi

Sampel	10 <sup>-1</sup>			10 <sup>-2</sup>			10 <sup>-3</sup>			Kombinasi positif
BB	3	3	3	3	3	3	3	3	3	3-3-3
BR	3	3	3	3	3	3	3	3	3	3-3-3
BK	3	3	3	3	3	3	3	3	3	3-3-3
BU	3	3	3	3	3	3	3	3	3	3-3-3