LAMPIRAN

A. Lampiran Perhitungan

Kode Sampel	Berat Kain Bersih (gram)	Berat Kain Kotor (gram)	Berat Kain Setelah Dicuci (gram)
Formulasi 1A	1,502	2,428	1,604
Formulasi 1B	1,362	2,098	1,366
Formulasi 2A	1,409	2,350	1,392
Formulasi 2B	1,400	2,555	1,429
Formulasi 3A	1,403	2,264	1,269
Formulasi 3B	1,400	2,418	1,369

1. Perhitungan Persen Kotoran

$$PK = \frac{BKK-BBB}{BBB} \times 100\%$$

1.1. Formulasi 1A

$$PK = \frac{BKK-BBB}{BBB} \times 100\%$$

$$PK = \frac{2,428-1,502}{1,502} \times 100\%$$

$$PK = 61,65\%$$

1.2.Formulasi 1B

$$PK = \frac{BKK-BBB}{BBB} \times 100\%$$

$$PK = \frac{2,098-1,371}{1,371} \times 100\%$$

$$PK = 54,03\%$$

1.3.Formulasi 2A

$$PK = \frac{BKK-BBB}{BBB} \times 100\%$$

$$PK = \frac{2,350-1,409}{1,409} \times 100\%$$

PK = 66,78%

1.4.Formulasi 2B

$$PK = \frac{BKK-BBB}{BBB} \times 100\%$$

$$PK = \frac{2,555-1,400}{1,400} \times 100\%$$

PK = 82,5%

1.5.Formulasi 3A

$$PK = \frac{BKK-BBB}{BBB} \times 100\%$$

$$PK = \frac{2,264-1,403}{1,403} \times 100\%$$

PK = 61,36%

1.6.Formulasi 3B

$$PK = \frac{BKK-BBB}{BBB} \times 100\%$$

$$PK = \frac{2,418-1,400}{1,400} \times 100\%$$

PK = 72,71%

2. Perhitungan Persen Berkurangnya Kotoran

$$PK' = \frac{BKK-BBB'}{BBB'} \times 100\%$$

2.1.Formulasi 1A

$$PK' = \frac{BKK-BBB'}{BBB'} \times 100\%$$

$$PK' = \frac{2,428-1,604}{1,604} \times 100\%$$

PK' = 61,43%

2.2.Formulasi 1B

$$PK' = \frac{BKK-BBB'}{BBB'} \times 100\%$$

$$PK' = \frac{2,098-1,366}{1,366} \times 100\%$$

$$PK' = 53,58\%$$

2.3.Formulasi 2A

$$PK' = \frac{BKK-BBB'}{BBB'} \times 100\%$$

$$PK' = \frac{2,350-1,392}{1,392} \times 100\%$$

$$PK' = 68,82\%$$

2.4.Formulasi 2B

$$PK' = \frac{BKK-BBB'}{BBB'} \times 100\%$$

$$PK' = \frac{2,555-1,429}{1,429} \times 100\%$$

$$PK' = 78,79\%$$

2.5.Formulasi 3A

$$PK' = \frac{BKK-BBB'}{BBB'} \times 100\%$$

$$PK' = \frac{2,264-1,269}{1,269} \times 100\%$$

$$PK' = 78,40\%$$

2.6.Formulasi 3B

$$PK' = \frac{BKK-BBB'}{BBB'} \times 100\%$$

$$PK' = \frac{2,418-1,369}{1,369} \times 100\%$$

$$PK' = 76,62\%$$

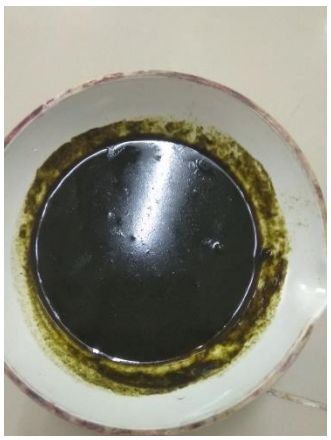
B. Lampiran Prosedur Kerja

Daun turi

Sampel daun turi sebelum dikeringkan

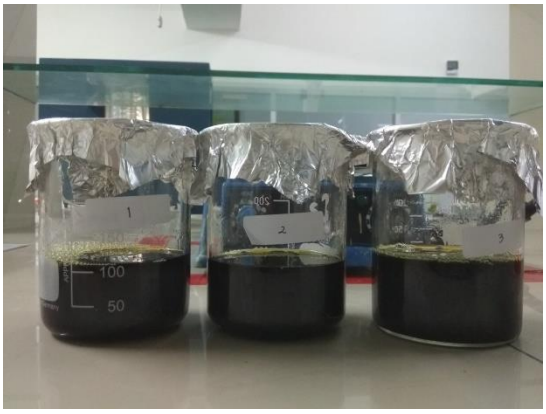
Sampel daun turi setelah dikeringkan

Serbuk simplisia daun turi

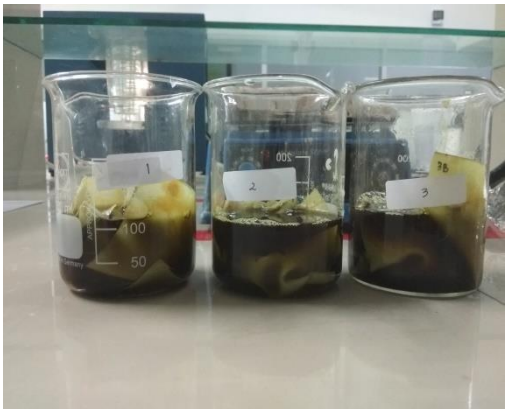


Ekstrak daun turi

Hasil uji identifikasi saponin (uji busa)

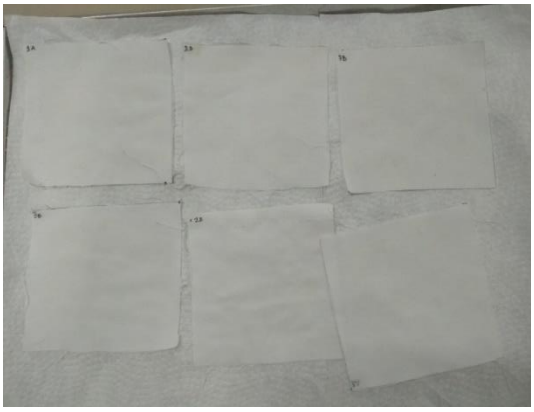


Formulasi detergen cair ekstrak daun turi



Proses pencucian kain uji

Kain uji kotor



Kain bersih setelah dicuci