

LAMPIRAN I
DATA PENGAMATAN

1. Data Pengamatan Analisa Kadar Air

Data pengamatan analisa kadar air pada permen karet dapat dilihat pada Tabel 9 berikut.

Tabel 9. Data Pengamatan Analisa Kadar Air

No.	Ekstrak Belimbing Wuluh (ml)	Cawan Kosong (gram)	Cawan + Sampel (sebelum) (gram)	Cawan + Sampel (sesudah) (gram)
1	4	55,43	56,44	55,93
2	8	55,37	56,37	55,81
3	12	54,51	55,50	54,88
4	16	50,67	51,66	51,11
5	20	51,44	52,44	51,8

2. Data Pengamatan Analisa Kadar Abu

Data pengamatan analisa kadar air pada permen karet dapat dilihat pada Tabel 10 berikut.

Tabel 10. Data Pengamatan Analisa Kadar Abu

No.	Ekstrak Belimbing Wuluh (ml)	Krusibel Kosong (a) (gram)	Berat Sampel (b) (gram)	Krusibel + Sampel setelah diabukan (gram)
1	4	13,13	1,12	13,142
2	8	13,15	1,14	13,164
3	12	13,18	1,17	13,195
4	16	13,21	1,15	13,223
5	20	13,19	1,13	13,205

LAMPIRAN I
PERHITUNGAN

1. Kadar Air

Ektrak Belimbing Wuluh 4 ml

$$\begin{aligned}\% \text{ Kadar air} &= \frac{W_a - W_b}{W_a} \times 100\% \\ &= \frac{(56,44 - 55,93) \text{ gram}}{56,44 \text{ gram}} \times 100\% \\ &= 0,9 \%\end{aligned}$$

Ektrak Belimbing Wuluh 8 ml

$$\begin{aligned}\% \text{ Kadar air} &= \frac{W_a - W_b}{W_a} \times 100\% \\ &= \frac{(56,37 - 55,81) \text{ gram}}{56,37 \text{ gram}} \times 100\% \\ &= 1 \%\end{aligned}$$

Ektrak Belimbing Wuluh 12 ml

$$\begin{aligned}\% \text{ Kadar air} &= \frac{W_a - W_b}{W_a} \times 100\% \\ &= \frac{(55,50 - 54,88) \text{ gram}}{55,50 \text{ gram}} \times 100\% \\ &= 1,12 \%\end{aligned}$$

Ektrak Belimbing Wuluh 16 ml

$$\begin{aligned} \% \text{ Kadar air} &= \frac{W_a - W_b}{W_a} \times 100\% \\ &= \frac{(51,66 - 51,11) \text{ gram}}{51,66 \text{ gram}} \times 100\% \\ &= 1,25 \% \end{aligned}$$

Ektrak Belimbing Wuluh 16 ml

$$\begin{aligned} \% \text{ Kadar air} &= \frac{W_a - W_b}{W_a} \times 100\% \\ &= \frac{(52,44 - 51,8) \text{ gram}}{52,44 \text{ gram}} \times 100\% \\ &= 1,41 \% \end{aligned}$$

2. Kadar Abu

Ektrak Belimbing Wuluh 4 ml

$$\begin{aligned} \% \text{ Kadar air} &= \frac{W_a - W_b}{W} \times 100\% \\ &= \frac{(13,142 - 13,13) \text{ gram}}{1,12 \text{ gram}} \times 100\% \\ &= 1,07 \% \end{aligned}$$

Ektrak Belimbing Wuluh 8 ml

$$\begin{aligned} \% \text{ Kadar air} &= \frac{W_a - W_b}{W} \times 100\% \\ &= \frac{(13,164 - 13,15) \text{ gram}}{1,14 \text{ gram}} \times 100\% \end{aligned}$$

$$= 1,22 \%$$

Ektrak Belimbing Wuluh 12 ml

$$\begin{aligned} \% \text{ Kadar air} &= \frac{W_a - W_b}{W} \times 100\% \\ &= \frac{(13,195 - 13,18) \text{ gram}}{1,17 \text{ gram}} \times 100\% \\ &= 1,28 \% \end{aligned}$$

Ektrak Belimbing Wuluh 16 ml

$$\begin{aligned} \% \text{ Kadar air} &= \frac{W_a - W_b}{W} \times 100\% \\ &= \frac{(13,164 - 13,15) \text{ gram}}{1,15 \text{ gram}} \times 100\% \\ &= 1,30 \% \end{aligned}$$

Ektrak Belimbing Wuluh 20 ml

$$\begin{aligned} \% \text{ Kadar air} &= \frac{W_a - W_b}{W} \times 100\% \\ &= \frac{(13,164 - 13,15) \text{ gram}}{1,15 \text{ gram}} \times 100\% \\ &= 1,32 \% \end{aligned}$$