**Lampiran 12.** Perhitungan Karakterisasi Simplisia dan Ekstrak Induk Kunyit

1. **Penetapan Kadar Air**

Kadar Air =

* Sampel 1

Berat Sampel = 5 gr

Volume I = 0,8 ml

Volume II = 1 ml

Kadar Air = = 4%

* Sampel 2

Berat Sampel = 5 gr

Volume I = 0,8 ml

Volume II = 1,2 ml

Kadar Air = = 8%

* Sampel 3

Berat Sampel = 5 gr

Volume I = 1,2 ml

Volume II = 1 ml

Kadar Air = = 4%

Maka, kadar air rata-rata = = 5,33%

**Lampiran 12.** (Lanjutan)

1. **Penetapan kadar Sari Larut Dalam Air**

Kadar Sari Larut Air =

* Sampel 1

Berat Sampel = 5 gr

Berat Sari Larut Air = 0,23 gr

Kadar Sari Larut Air = = 23%

* Sampel 2

Berat Sampel = 5 gr

Berat Sari Larut Air = 0,22 gr

Kadar Sari Larut Air = = 22%

* Sampel 3

Berat Sampel = 5 gr

Berat Sari Larut Air = 0,26 gr

Kadar Sari Larut Air = = 26%

Maka, kadar sari larut air rata-rata = = 23,6%

**Lampiran 12.** (Lanjutan)

1. **Penetapan Kadar Sari Larut Dalam Etanol**

Kadar Sari Larut Etanol =

* Sampel 1

Berat Sampel = 5 gr

Berat Sari Larut Etanol = 0,09 gr

Kadar Sari Larut Etanol = = 18%

* Sampel 2

Berat Sampel = 5 gr

Berat Sari Larut Etanol = 0,1 gr

Kadar Sari Larut Etanol = = 20%

* Sampel 3

Berat Sampel = 5 gr

Berat Sari Larut Etanol = 0,08 gr

Kadar Sari Larut Etanol = = 16%

Maka, kadar sari larut etanol rata-rata = = 18%

**Lampiran 12.** (Lanjutan)

1. **Penetapan Kadar Abu Total**

Kadar Abu Total =

* Sampel 1

Berat Sampel = 2 gr

Berat Abu = 0,11 gr

Kadar Abu Total = = 5,5%

* Sampel 2

Berat Sampel = 2 gr

Berat Abu = 0,1 gr

Kadar Abu Total = = 5%

* Sampel 3

Berat Sampel = 2 gr

Berat Abu = 0,13 gr

Kadar Abu Total = = 6,5%

Maka, kadar abu total rata-rata = = 5,667%

**Lampiran 12.** (Lanjutan)

1. **Penetapan Kadar Abu Tidak Larut Dalam Asam**

Kadar Abu Larut Asam =

* Sampel 1

Berat Sampel = 2 gr

Berat Abu Larut Asam = 0,01 gr

Kadar Abu Larut Asam = = 0,5%

* Sampel 2

Berat Sampel = 2 gr

Berat Abu Larut Asam = 0,012 gr

Kadar Abu Larut Asam = = 0,6%

* Sampel 3

Berat Sampel = 2 gr

Berat Abu Larut Asam = 0,015 gr

Kadar Abu Larut Asam = = 0,75%

Maka, kadar abu larut asam rata-rata = = 0,62%