**Lampiran 12**. Perhitungan hasil pemeriksaan karakterisasi simplisia

1. Perhitungan penetapan kadar air simplisia

|  |  |  |
| --- | --- | --- |
| Berat sampel | Volume awal | Volume akhir |
| 5 g | 1,6 ml | 2 ml |
| 5 g | 1,4 ml | 1,8 ml |
| 5 g | 1,5 ml | 1,9 ml |

**% kadar air simplisia =**

1. Berat simplisia I = 5 g

% kadar air simplisia = 8 %

1. Berat simplisia II = 5 g

% kadar simplisia = 8 %

1. Berat simplisia III = 5 g

% kadar simplisa = 8%

% kadar air rata-rata =

1. Penetapan kadar sari larut dalam air

|  |  |  |
| --- | --- | --- |
| Berat sampel | Berat cawan kosong | Berat cawan berisi |
| 5 g | 34,80 g | 35,02 g |
| 5 g | 34,81 g | 35,04 g |
| 5 g | 34,81 g | 35,02 g |

**% kadar sari larut dalam air =**

1. Berat simplisia I = 5 g

% kadar sari larut dalam air =

1. Berat simplisia II = 5 g

% kadar sari larut dalam air =

1. Berat simplisia III = 5 g

% kadar sari larut dalam air =

**Lampiran 12**. (lanjutan)

% kadar sari rata-rata=

1. Penetapan kadar sari dalam etanol

|  |  |  |
| --- | --- | --- |
| Berat sampel | Berat cawan kosong | Berat cawan berisi |
| 5 g | 34,86 g | 35,06 g |
| 5 g | 34,88 g | 35,07 g |
| 5 g | 34,87 g | 35,06 g |

**% kadar sari larut dalam etanol =**

1. Berat simplisia I = 5 g

% kadar sari larut etanol = 20%

1. Berat simplisia II = 5 g

% kadar sari larut etanol =

1. Berat simpliasi III = 5 g

% kadar sari larut etanol =

% kadar sari larut etanol rata-rata = = 19,3%

1. Penetapan kadar abu total

|  |  |
| --- | --- |
| Berat sampel | Berat abu |
| 2,0001 g | 2,02 g |
| 2,0005 g | 1,98 g |
| 2,0008 g | 1,98 g |

***Kadar abu total =***

1. % kadar abu total I =
2. % kadar abu total II =
3. % kadar abu total III=

% Kadar abu total rata-rata =

**Lampiran 12.** (lanjutan)

1. Penetapan kadar abu tidak larut asam

|  |  |
| --- | --- |
| Berat sampel | Berat abu |
| 2,0001 g | 0,009 g |
| 2,0001 g | 0,03 g |
| 2,0000 g | 0,02 g |

Kadar abu tidak larut dalam asam*=*

1. Kadar abu tidak larut dalam asam I =
2. Kadar abu tidak larut dalam asam II =
3. Kadar abu tidak larut dalam asam III =

Kadar abu tidak larut dalam asam rata-rata =