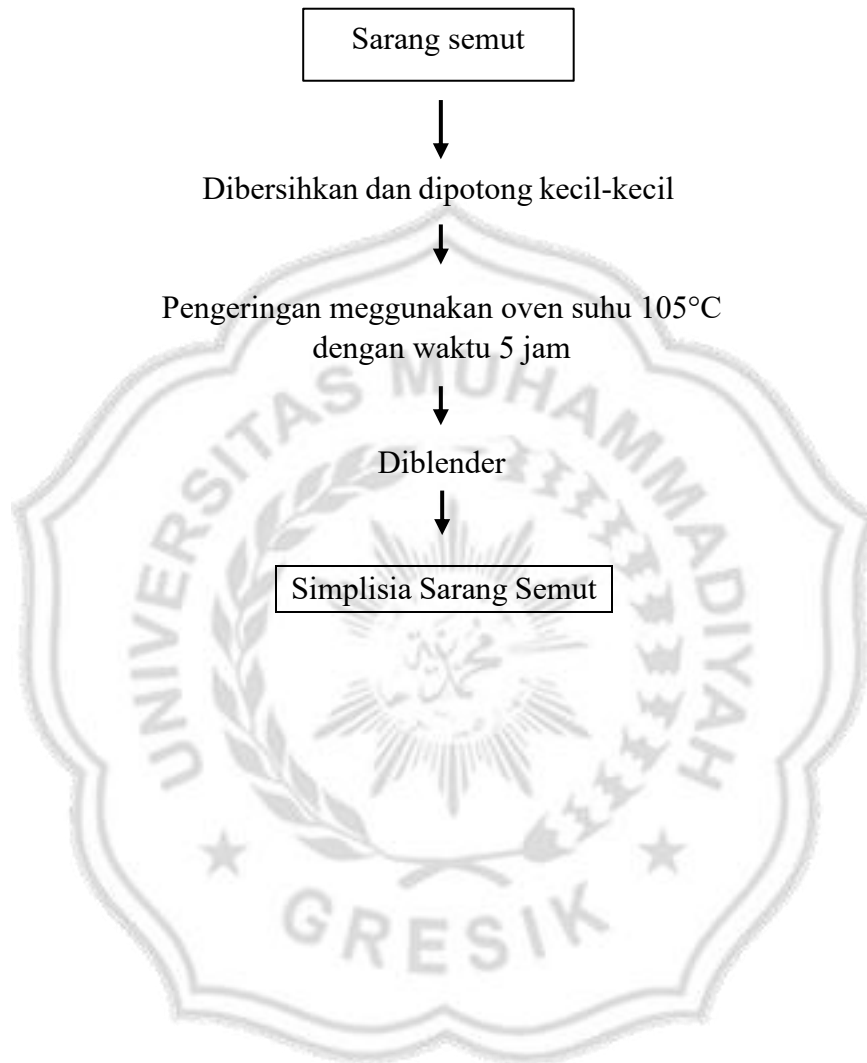
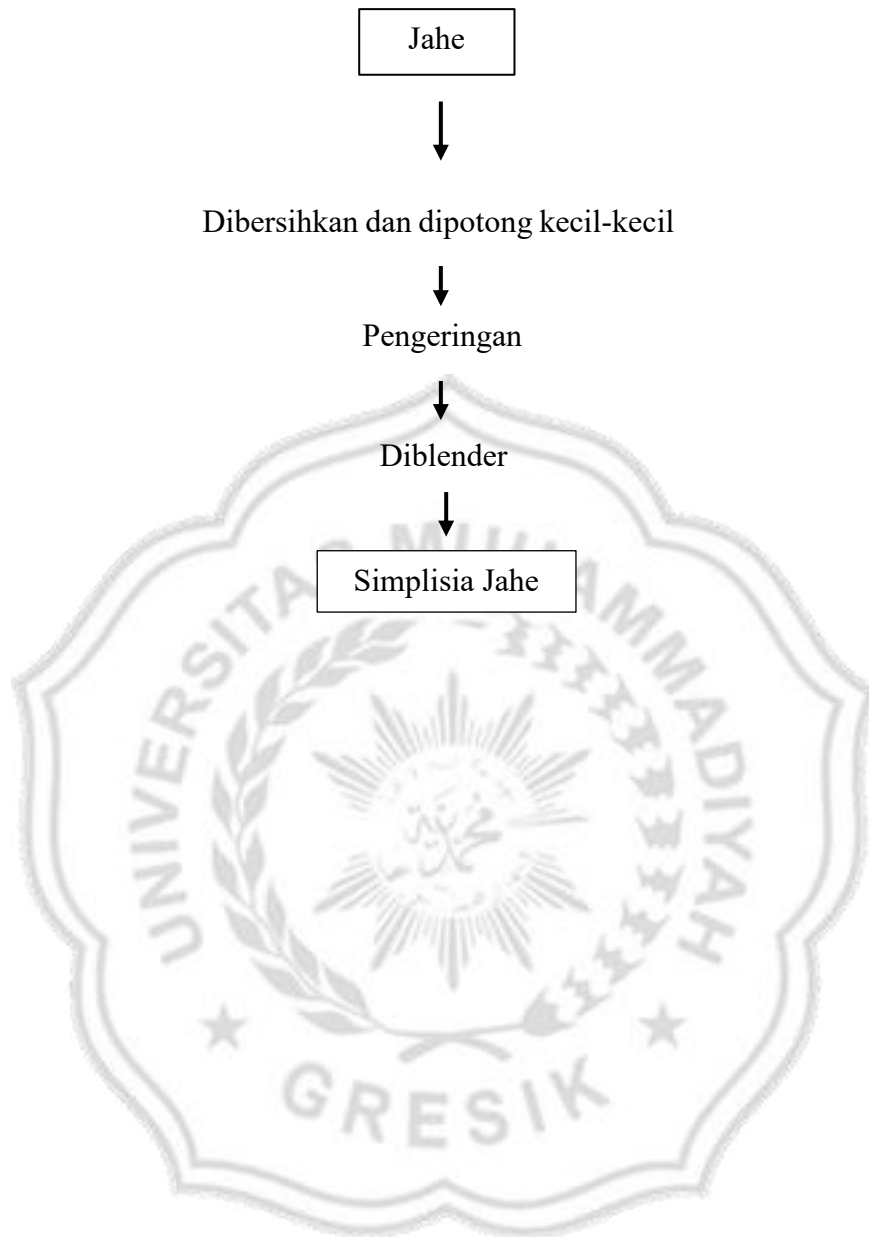
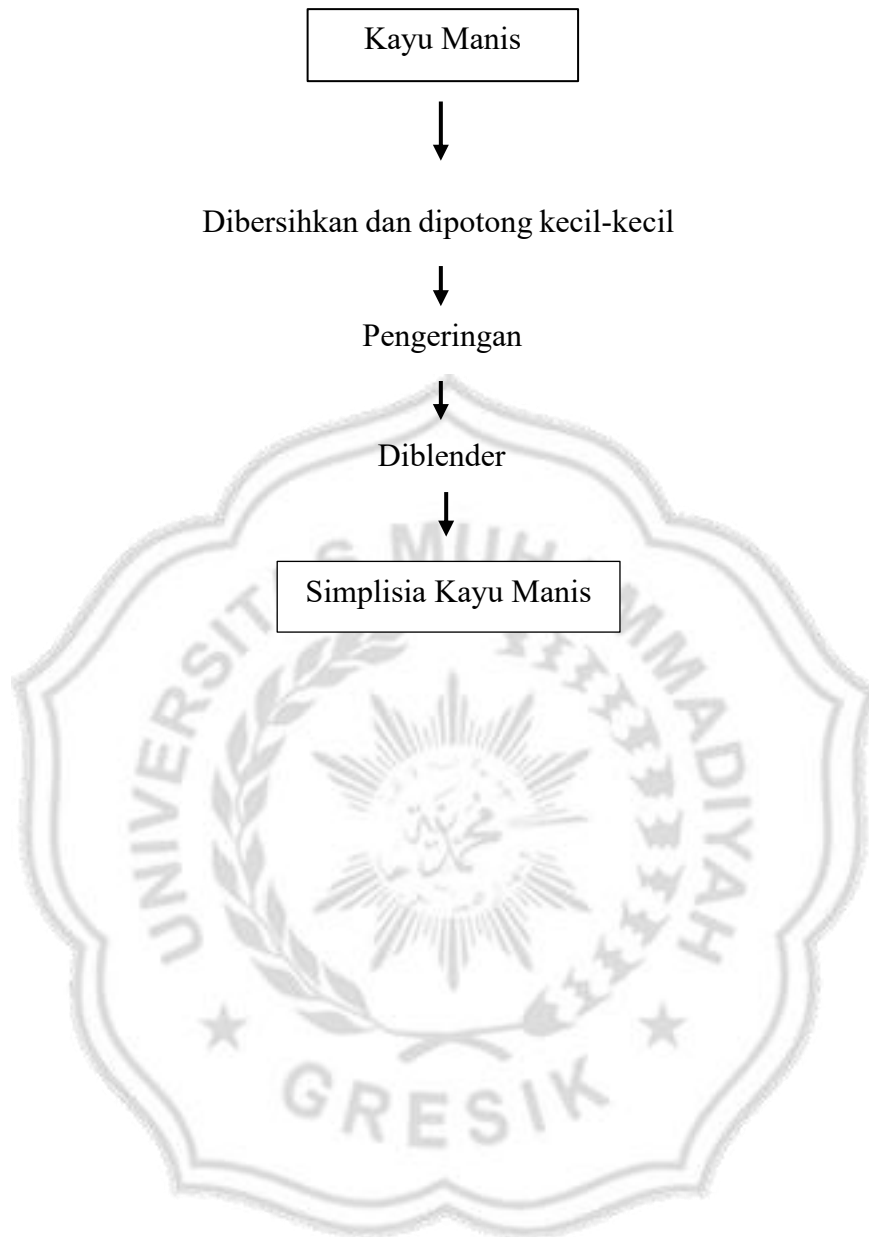


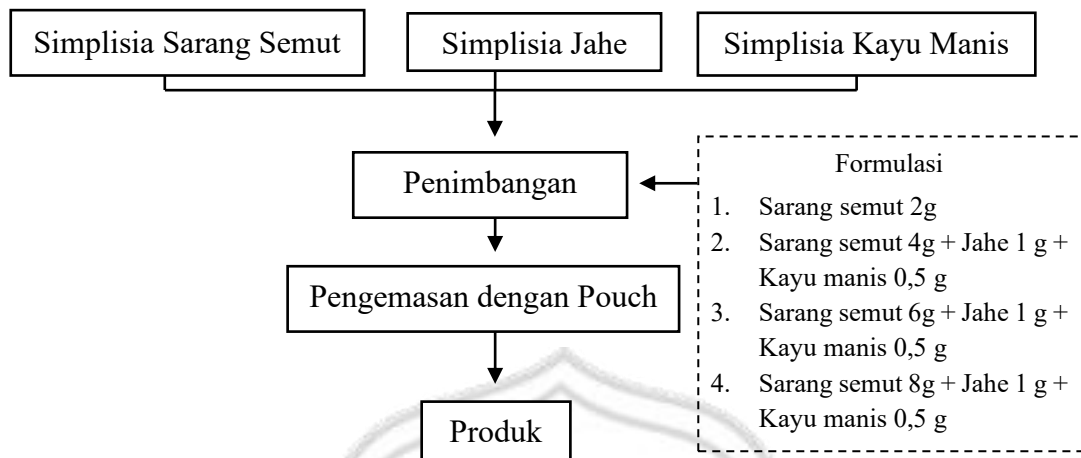
LAMPIRAN

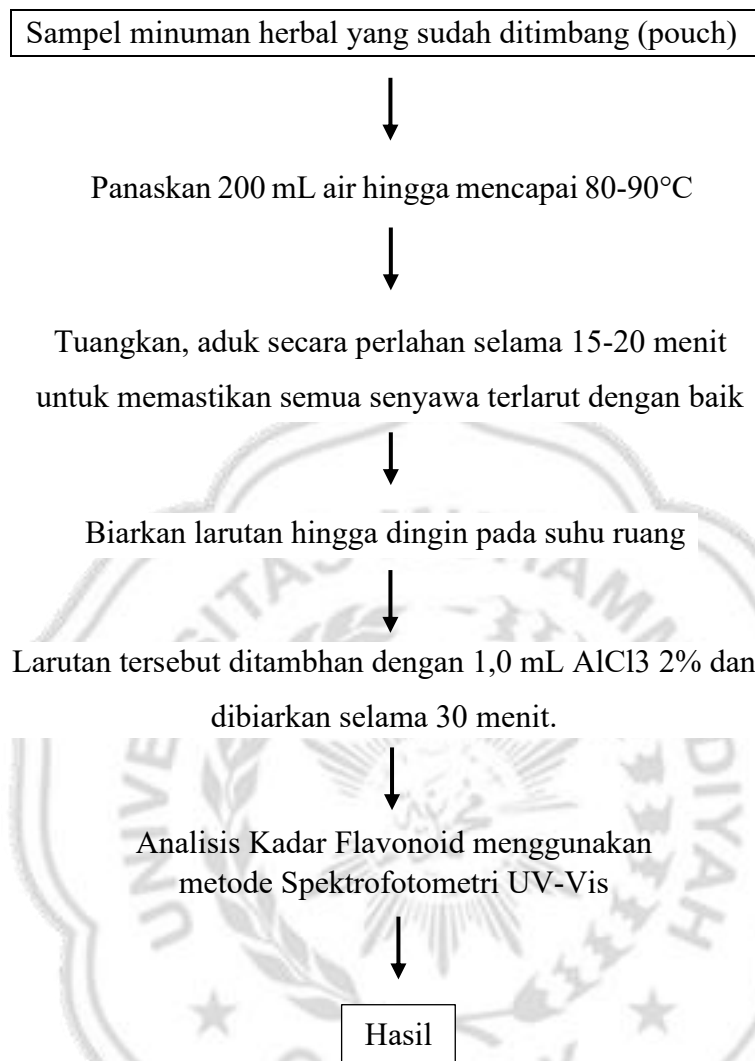
Lampiran 1. Diagram Alir Pembuatan Simplisia Tumbuhan Sarang Semut

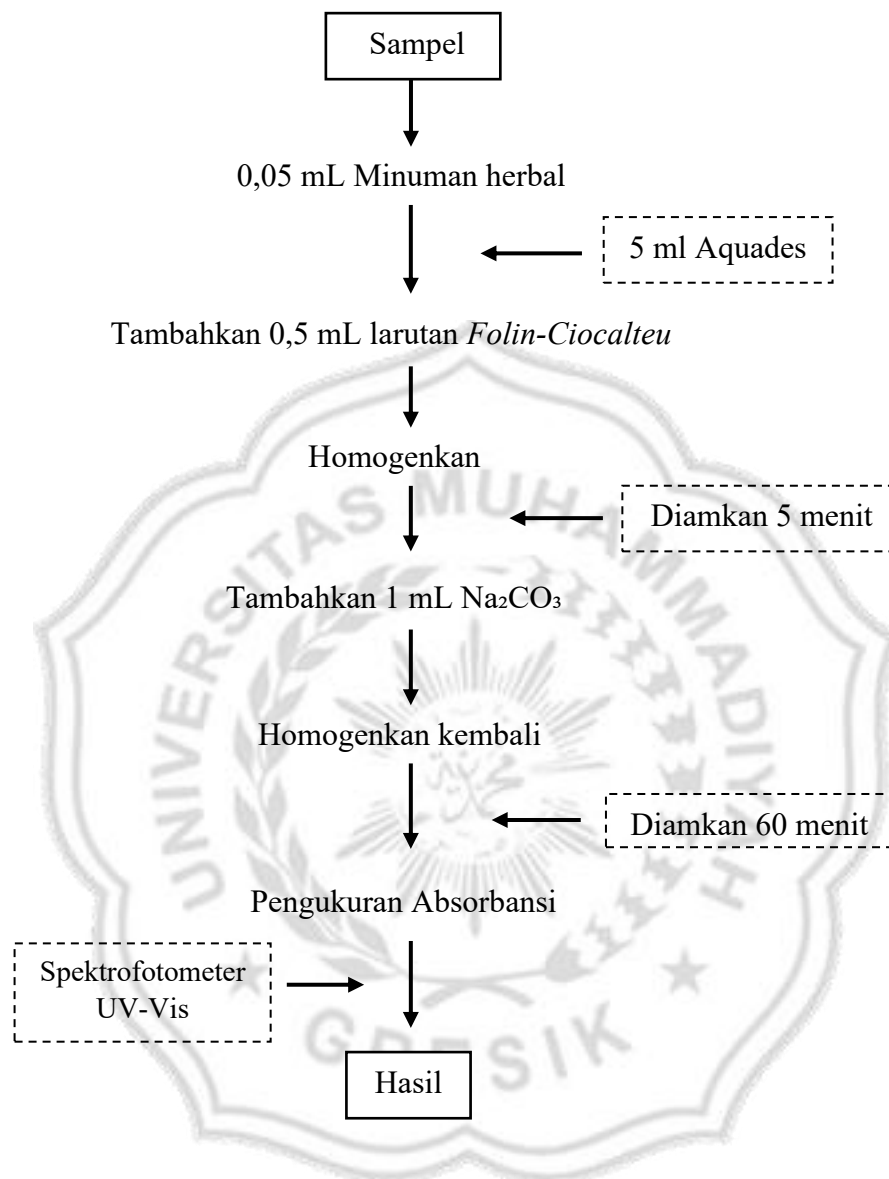


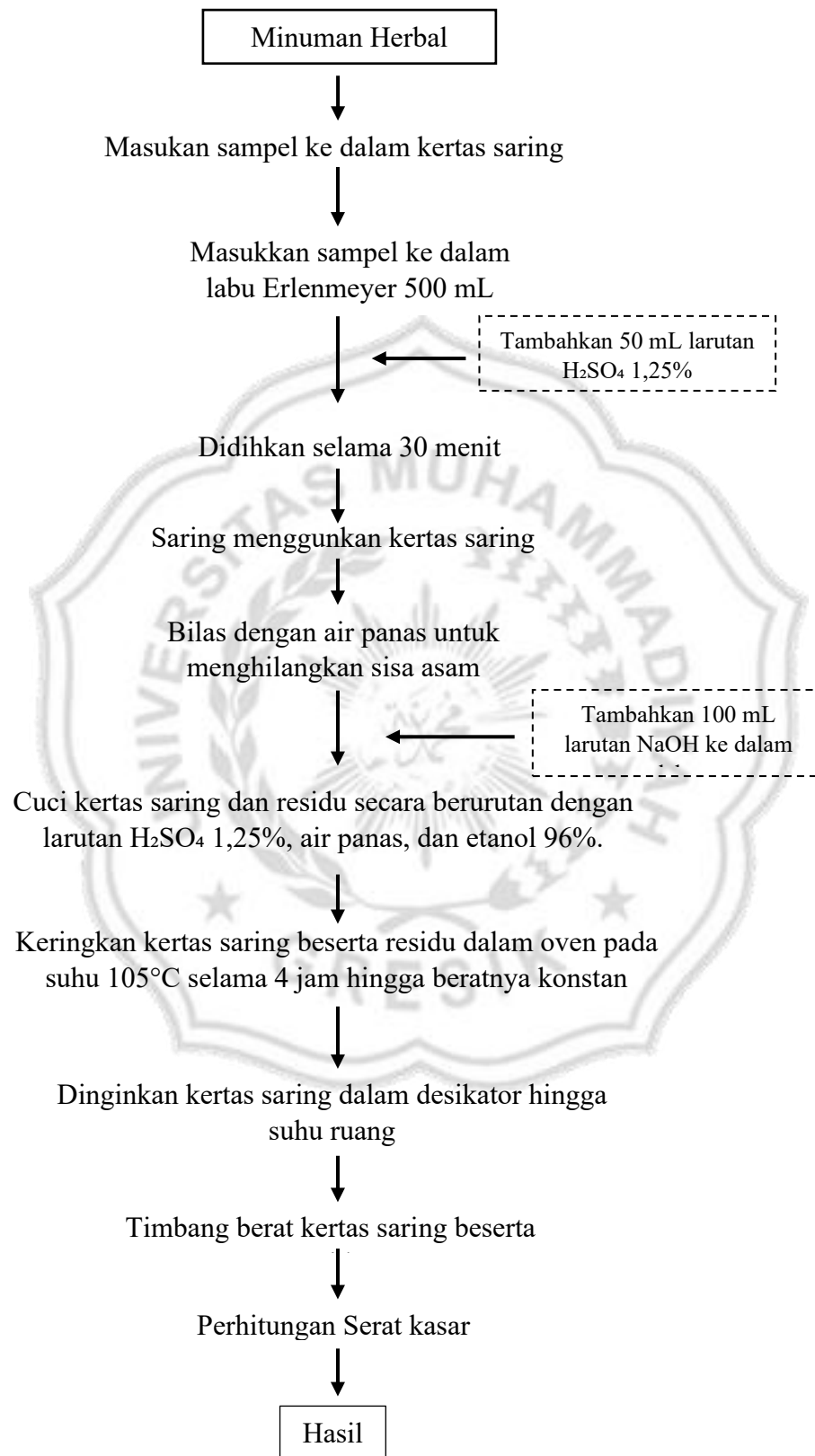
Lampiran 2. Diagram Alir Pembuatan Simplisia Jahe

Lampiran 3. Diagram Alir Pembuatan Simplisia Kayu Manis

Lampiran 4. Diagram Alir Minuman Herbal Terformulasi

Lampiran 5. Diagram Alir Uji Flavonoid

Lampiran 6. Diagram Alir Uji Fenol

Lampiran 7. Diagram Alir Uji Serat Kasar

Lampiran 8. Data Uji Flavonoid Minuman Herbal

Hasil Uji Kadar Flavonoid (mgQE/g)							
No	Kode Sampel	Ulangan					
		1	2	3	4	5	6
1	P1	58.50	51.96	54.12	53.93	53.89	54.23
2	P2	164.77	162.68	163.06	162.26	162.93	162.36
3	P3	170.65	169.23	170.83	170.24	169.09	168.21
4	P4	171.95	172.20	172.53	172.52	171.17	172.27



Lampiran 9. Data Uji Fenol Minuman Herbal

No	Kode Sampel	Hasil Uji Kadar Fenol (mg GAE/g)					
		Ulangan					
		1	2	3	4	5	6
1	P1	5.03	4.03	4.03	5.39	4.36	4.37
2	P2	16.15	15.76	15.13	16.84	16.44	15.09
3	P3	25.20	21.87	24.52	21.50	27.83	21.18
4	P4	39.44	38.07	37.65	37.68	38.55	36.95



Lampiran 10. Data Uji Serat Kasar Minuman Herbal

No	Kode Sampel	Hasil Uji Kadar Serat Kasar (%)					
		Ulangan					
		1	2	3	4	5	6
1	P1	16.03	16.14	16.00	16.18	16.18	16.10
2	P2	16.61	16.56	16.55	16.75	16.96	16.79
3	P3	18.58	18.17	17.80	18.02	18.04	18.31
4	P4	18.67	19.26	19.00	18.96	19.16	18.88



Lampiran 11. Form Uji Kesukaan Hedonik

FORMULIR
UJI KESUKAAN (UJI HEDONIK)

Nama Panelis :
Umur :
Jenis Kelamin :

Instruksi:

- Cicipilah sampel satu persatu dengan diselingi air putih di tiap pergantian sampel untuk menetralkan rasa
- Pada kolom kode, berikan penilaian berdasarkan tingkat kesukaan (keterangan terdapat di bawah tabel)
- Setelah selesai, berikan catatan pada kolom yang telah disediakan

Keterangan:

- (1) Sangat tidak suka
- (2) Tidak Suka
- (3) Suka
- (4) Sangat suka

Pengujian Sampel	Tingkat Kesukaan		
	Warna	Rasa	Aroma
215			
743			
821			
173			

Lampiran 12. Data Hasil Uji Organoleptik

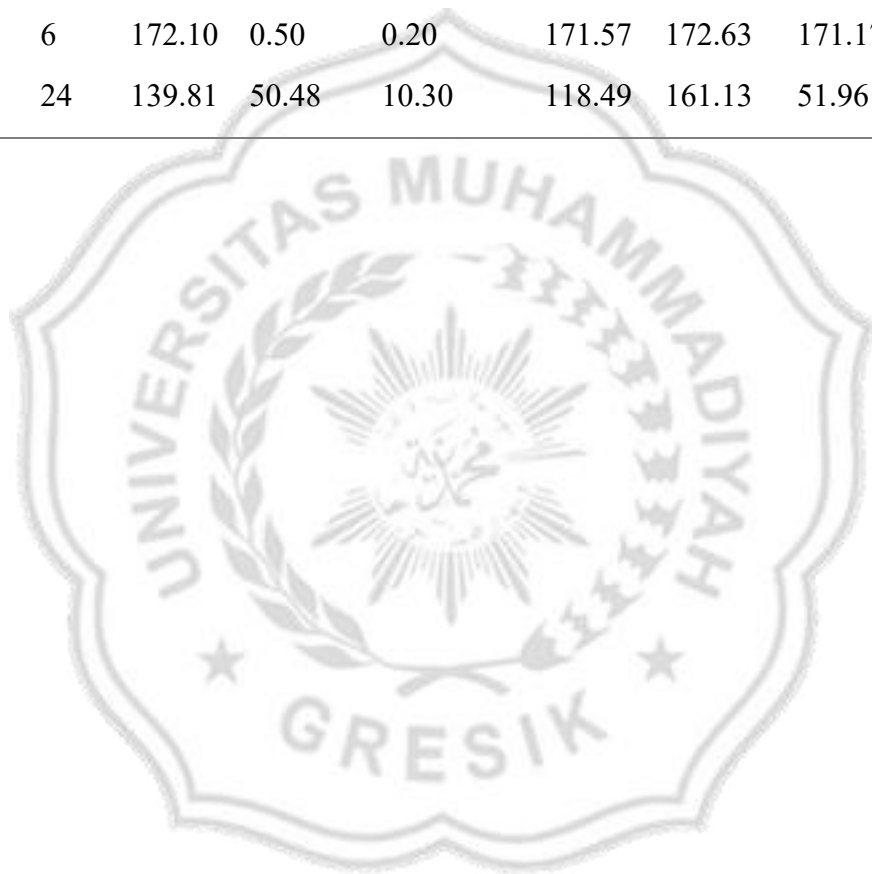
No Panelis	Perlakuan	Warna	Aroma	Rasa
1	215	3	3	3
2	215	3	3	3
3	215	3	3	2
4	215	1	2	2
5	215	4	3	2
6	215	3	2	3
7	215	3	3	4
8	215	3	4	3
9	215	4	3	1
10	215	3	3	2
11	215	3	4	4
12	215	1	2	1
13	215	2	2	2
14	215	4	3	4
15	215	3	3	3
16	215	4	3	4
17	215	3	2	2
18	215	2	3	3
19	215	1	2	2
20	215	2	2	2
21	215	2	4	4
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24	215	2	2	2
25	215	2	1	2
26	215	1	2	2
27	215	3	4	2
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7	743	3	2	2
8	743	3	4	3
9	743	3	1	3
10	743	3	2	3
11	743	4	3	3
12	743	3	4	2
13	743	3	2	2

14	743	3	3	3
15	743	3	3	2
16	743	4	4	4
17	743	3	3	3
18	743	3	2	2
19	743	3	3	2
20	743	3	3	3
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23	743	4	2	2
24	743	4	3	3
25	743	2	3	2
26	743	3	3	3
27	743	3	2	2
28	743	3	4	4
29	743	3	3	3
30	743	3	2	3
1	821	3	4	3
2	821	4	4	4
3	821	3	3	4
4	821	2	4	3
5	821	3	2	4
6	821	3	3	1
7	821	3	1	1
8	821	3	4	3
9	821	3	2	4
10	821	4	3	3
11	821	4	3	3
12	821	3	4	2
13	821	3	3	2
14	821	4	3	3
15	821	3	3	4
16	821	4	3	4
17	821	2	3	3
18	821	4	4	3
19	821	3	3	2
20	821	3	3	3
21	821	3	4	3
22	821	3	4	2
23	821	4	3	3
24	821	4	3	2
25	821	3	3	2
26	821	3	3	2
27	821	3	3	3
28	821	3	2	3
29	821	4	4	4

30	821	3	2	3
1	173	3	3	3
2	173	3	4	3
3	173	3	3	3
4	173	2	3	3
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21	173	2	1	2
22	173	4	3	2
23	173	3	3	3
24	173	4	2	3
25	173	4	3	3
26	173	3	4	3
27	173	3	3	3
28	173	4	3	3
29	173	2	3	3
30	173	3	3	2

Lampiran 13. Analisis Deskriptif Uji Flavonoid**Descriptives**

					95% confidence interval for Mean			
Perlakuan	N	Mean	Std.Deviation	Std.error	Lower Bound	Upper Bound	Minimum	Maksimum
P1	6	54.43	2.16	0.88	52.17	56.70	51.96	58.50
P2	6	161.01	0.91	0.37	162.04	163.97	162.26	164.77
P3	6	169.70	1.02	0.41	168.62	170.78	168.21	170.83
P4	6	172.10	0.50	0.20	171.57	172.63	171.17	172.53
Total	24	139.81	50.48	10.30	118.49	161.13	51.96	172.53



Lampiran 14 Hasil Uji oneway ANOVA Flavonoid

Hasil	<i>Sum of squares</i>	<i>df</i>	Mean Square	F	sig
<i>Between Groups</i>	48438.683	3	16146.228	31.732	.000
<i>Within Groups</i>	10176.710	20	508.835		
Total	58615.393	23			



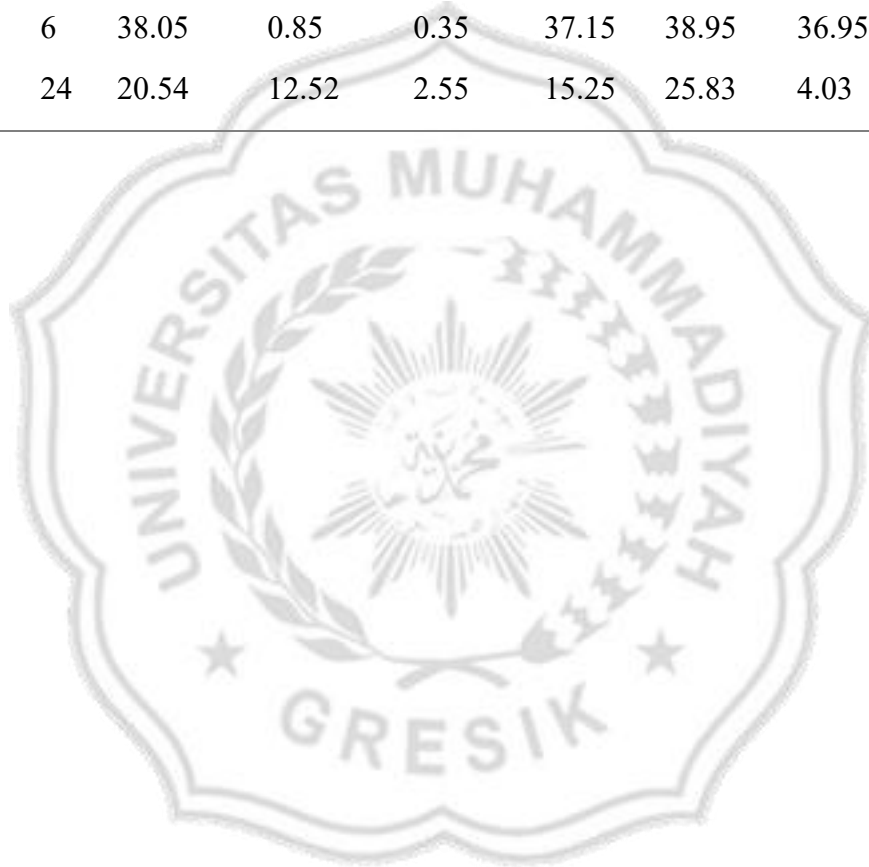
Lampiran 15. Hasil Uji Duncan(DMRT) Flavonoid

Subset for alpha =0,05			
Perlakuan	N	1	2
1	5	54.800	
2	7		147.4700
3	6		169.7083
4	6		172.1067
sig		1.000	0.089



Lampiran 16. Analisis Deskriptif Uji Fenol**Descriptives**

Perlakuan	N	Mean	Std.Deviation	Std.error	95% confidence interval for Mean			
					Lower Bound	Upper Bound	Minimum	Maximum
P1	6	4.53	0.55	0.22	3.95	5.11	4.03	5.39
P2	6	15.90	0.70	0.28	15.15	16.64	15.09	16.84
P3	6	23.68	2.62	1.07	20.92	26.44	21.18	27.83
P4	6	38.05	0.85	0.35	37.15	38.95	36.95	39.44
Total	24	20.54	12.52	2.55	15.25	25.83	4.03	39.44



Lampiran 17 Hasil Uji oneway ANOVA Fenol

	<i>Sum Of Squares</i>	<i>Df</i>	<i>Mean Square</i>	<i>F</i>	<i>Sig</i>
<i>Between Groups</i>	3452.380	3	1150.793	147.343	0.000
<i>Within Groups</i>	156.206	20	7.810		
Total	3608.586	230			



Lampiran 18. Hasil Uji Duncan Fenol

Subset for alpha =0,05					
Perlakuan	N	1	2	3	4
1	5	54.800			
2	7		14.2543		
3	6			23.6833	
4	6				38.0567
sig		1.000	1.000	1.000	1.000



Lampiran 19. Analisis Deskriptif Uji Serat Kasar**Descriptives**

Perlakuan	N	Mean	Std.Deviation	Std.error	95% confidence interval for Mean			
					Lower Bound	Upper Bound	Minimum	Maximum
P1	6	16.10	0.07	0.03	16.02	16.18	16.00	16.18
P2	6	16.70	0.16	0.06	13.53	16.87	16.55	16.96
P3	6	18.15	0.26	0.10	17.87	18.43	17.80	16.58
P4	6	18.98	0.20	0.08	18.76	19.20	18.67	19.26
Total	24	17.48	1.18	0.24	16.98	17.98	16.00	19.26



Lampiran 20 Uji *oneway* ANOVA Serat Kasar

	<i>Sum Of Squares</i>	<i>Df</i>	<i>Mean Square</i>	<i>F</i>	<i>Sig</i>
<i>Between Groups</i>	31.020	3	10.340	197.128	0.000
<i>Within Groups</i>	1.049	20	0.052		
Total	32.069	3			



Lampiran 21. Hasil Uji Duncan Serat Kasar

Subset for alpha =0,05					
Perlakuan	N	1	2	3	4
1	5	16.1060			
2	7		16.6171		
3	6			18.1533	
4	6				18.9883
sig		1.000	1.000	1.000	1.000



Lampiran 22. Bahan-bahan Formulasi Minuman Herbal



Tumbuhan Sarang Semut Nabire yang sudah dihaluskan



Jahe kering yang sudah dihaluskan



Kayu Manis yang sudah dihaluskan

Lampiran 23. Kemasan Minuman Herbal

Tumbuhan Sarang Semut, Jahe, dan Kayu Manis dikemas menggunakan Pouch



Lampiran 24. Persiapan Uji Organoleptik



Sampel Uji Minuman Herbal



Kegiatan panel melakukan organoleptik