

L

A

M

P

I

R

A

N

Lampiran 1. Hasil Identifikasi Tanaman



**UNIVERSITAS GADJAH MADA
FAKULTAS BIOLOGI
LABORATORIUM SISTEMATIKA TUMBUHAN**

Jalan Teknika Selatan Sekip Utara Yogyakarta 55281 Telpun (0274) 6492262/6492272; Fax: (0274) 580839

SURAT KETERANGAN

Nomor : 014923/S.Tb./XI/2020

Yang bertanda tangan dibawah ini, Kepala Laboratorium Sistematika Tumbuhan Fakultas Biologi UGM, menerangkan dengan sesungguhnya bahwa,

Nama : Mentari
NIM : 20144298A
Asal instansi : Fakultas Farmasi Universitas Setia Budi

telah melakukan identifikasi tumbuhan dengan hasil sebagai berikut,

Divisi : Tracheophyta
Sub Divisi : Spermatophytina
Kelas : Magnoliopsida
Ordo : Malvales
Familia : Malvaceae
Genus : *Hibiscus*
Spesies : *Hibiscus schizopetalus* (Dyer) Hook. f.
Nama lokal : Kembang sepatu gantung

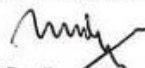
identifikasi tersebut dibantu oleh Dr. Ratna Susandarini, M.Sc.

Demikian surat keterangan ini diberikan untuk dapat dipergunakan seperlunya.

Mengetahui,
Dekan Fakultas Biologi
Universitas Gadjah Mada


Prof. Dr. Budi Setiadi Daryono, M.Agr.Sc.
NIP. 197003261995121001

Yogyakarta, 18 November 2020
Kepala Laboratorium
Sistematika Tumbuhan
Fakultas Biologi UGM


Prof. Dr. Purnomo, M.S.
NIP. 195504211982031005

Lampiran 2. Ethical clearance

2/17/2021

KEPK-RSDM



HEALTH RESEARCH ETHICS COMMITTEE KOMISI ETIK PENELITIAN KESEHATAN

Dr. Moewardi General Hospital
RSUD Dr. Moewardi

ETHICAL CLEARANCE KELAIKAN ETIK

Nomor : 96 / II / HREC / 2021

The Health Research Ethics Committee Dr. Moewardi
Komisi Etik Penelitian Kesehatan RSUD Dr. Moewardi

after reviewing the proposal design, herewith to certify
setelah menilai rancangan penelitian yang diusulkan, dengan ini menyatakan

That the research proposal with topic :
Bahwa usulan penelitian dengan judul

UJI AKTIVITAS ANTIPIRETIK EKTRAK ETANOL DAN FRAKSI n-HEKSAN, BUNGA KEMBANG SEPATU GANTUNG (Hibiscus Schizopetalus (Mast.) Hook.) PADA TIKUS PUTIH JANTAN YANG DIINDUKSI VAKSIN DPT-HB-HIB

Principal investigator : Mentari
Peneliti Utama : 20144298A

Location of research : Laboratorium Farmakologi Universitas Setia Budi
Lokasi Tempat Penelitian

Is ethically approved
Dinyatakan layak etik



Lampiran 3. Perhitungan Rendemen

-Berat total bunga basah 6000 gram

-Berat bunga kering 1046 gram

-Berat serbuk halus digunakan 800 gram+kasar dan sisa 123 gram, total 923 gram

- a. Perhitungan Rendemen Bunga Kering Terhadap Bunga Basah

$$\begin{aligned} \text{Rendemen} &= \frac{\text{Berat Kering}}{\text{Berat Basah}} \times 100\% \\ &= \frac{1049 \text{ gram}}{6000 \text{ gram}} \times 100\% = 17,433\% \end{aligned}$$

- b. Perhitungan Rendemen Serbuk Terhadap Bunga Kering

$$\begin{aligned} \text{Rendemen} &= \frac{\text{Berat Serbuk}}{\text{Berat Bunga kering}} \times 100\% \\ &= \frac{923 \text{ gram}}{1049 \text{ gram}} \times 100\% = 88,241\% \end{aligned}$$

- c. Perhitungan Rendemen Ekstrak Kental Terhadap Berat serbuk

$$\begin{aligned} \text{Rendemen} &= \frac{\text{Berat Eksrak Kental}}{\text{Berat serbuk}} \times 100\% \\ &= \frac{172,44 \text{ gram}}{900 \text{ gram}} \times 100\% = 19,16\% \end{aligned}$$

- d. Perhitungan Rendemen Fraksi Kental terhadap ekstrak kental

$$\begin{aligned} \text{Rendemen} &= \frac{\text{Berat fraksi Kental}}{\text{Berat ekstrak kental}} \times 100\% \\ &= \frac{8 \text{ gram}}{90 \text{ gram}} \times 100\% = 8,889\% \end{aligned}$$

Lampiran 4. Foto tanaman yang digunakan penelitian

Bunga Segar



Pengeringan Bunga



Bunga Kering



Mesin Penyerbuk



Ayakan Serbuk



Serbuk Halus



Lampiran 5. Foto Proses ekstraksi

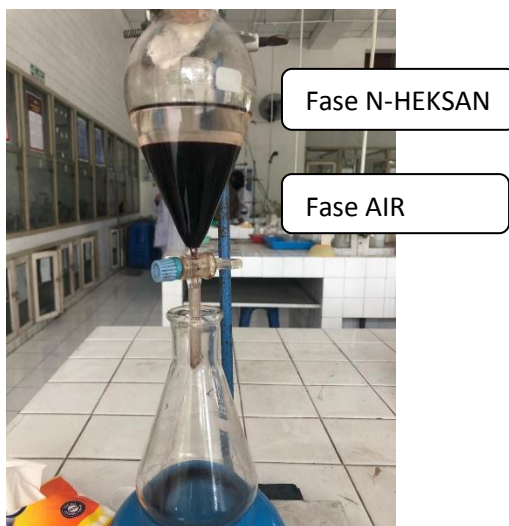
Botol Maserasi



Evaporasi



Fraksinasi



Penimbangan Ekstrak untuk Proses Fraksinasi



Eksrak Etanol Bunga Kembang Sepatu Gantung



Fraksi n-Heksan Bunga Kembang Sepatu Gantung



Lampiran 6. Foto alat penelitian

Uji Kelembapan menggunakan *Moisture balance*

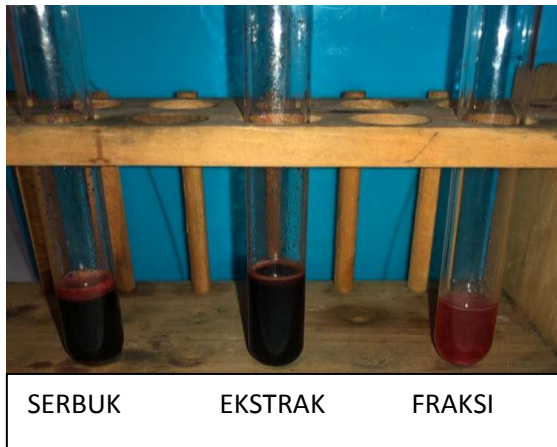


Uji bebas etanol



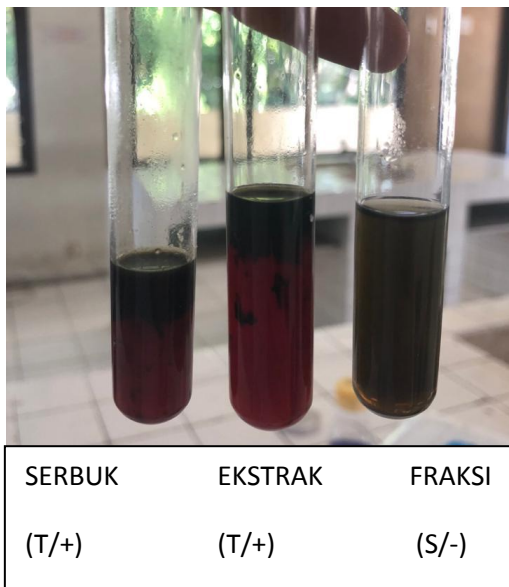
Lampiran 7. Foto Hasil Penelitian

Uji Flavonoid



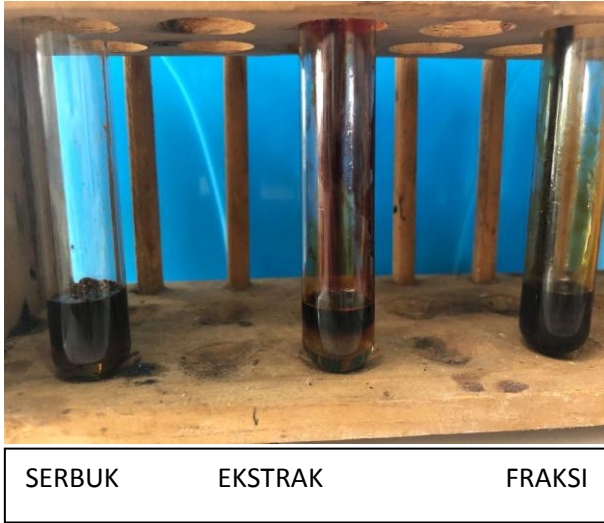
Terdapat warna merah pada lapisan etanol(+). Pada serbuk, ekstrak dan fraksi terdapat lapisan berwarna merah

Uji Triterpenoid



Jika terbentuk warna hijau-kebiruan (pirus) menunjukkan adanya sterol, dan jika pada batas kedua pelarut terdapat cincin berwarna coklat (S) atau ungu, hal ini menunjukkan adanya terpenoid (T)

Uji Tanin



Warna biru kehitaman menunjukkan reaksi positif. Pada serbuk, ekstrak dan fraksi berwarna hitam (+). Terbentuk warna hitam pada serbuk, ekstrak dan fraksi

Saponin Serbuk



Uji positif ditunjukkan terbentuknya buih padat setinggi 1-10 cm selama 10 menit atau lebih. Tambahkan setetes HCl 2N dan gelembung tidak akan hilang.

Pada serbuk, ekstrak dan fraksi bergelembung selama 10 menit lebih.

Saponin Ekstrak



Saponin Fraksi



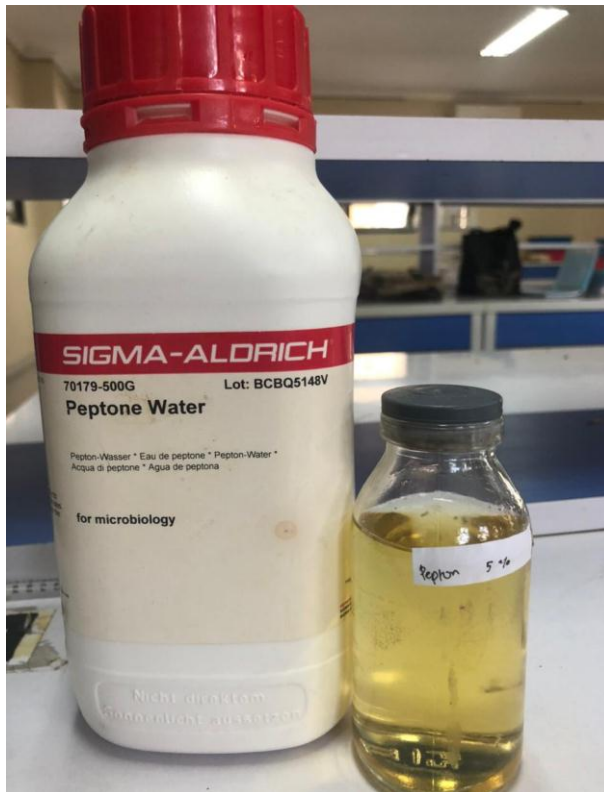
Sediaan Uji



Pembuatan Sediaan Uji



Pepton



Kelompok Tikus



Pengukuran suhu rektal



Pemberian Larutan Uji



6 Kelompok Uji



Lampiran 8. Perhitungan Uji Antipiretik

- A. Pembuatan Larutan CMC-Na 1 %. 1000 mg CMC-Na ditambahkan aquadest sebanyak 100 ml. Volume yang di berikan 1 ml
- B. Pembuatan larutan Pepton 5 %. 500 mg pepton ditambahkan API sebanyak 100 ml. Volume yang diberikan 1 ml

$$\text{Dosis Pepton } 150\text{mg/kg BB tikus} = \frac{150 \text{ mg}}{1000} \times 200 \text{ gram} = 30 \text{ mg}/200 \text{ gram}$$

$$\text{Tikus } 200 \text{ gram} = \frac{200 \text{ gram}}{200 \text{ gram}} \times 30 \text{ mg} = 30 \text{ mg}$$

$$\text{Volume Oral} = \frac{30 \text{ mg}}{500 \text{ mg}} \times 50 \text{ ml} = 3 \text{ ml}$$

- C. Parasetamol 1%

$$\text{Dosis Tikus} = 0,018 \times 500 \text{ mg} = 9 \text{ mg}/200 \text{ gram BB Tikus}$$

$$\text{Larutan stok } 1\% = 500 \text{ mg}/50 \text{ ml}$$

Dosis Pemberian Parasetamol

1. Tikus 1

$$\text{Tikus } 183 \text{ gram} = \frac{183 \text{ gram}}{200 \text{ gram}} \times 9 \text{ mg} = 8,235 \text{ mg}$$

$$\text{Volume Oral} = \frac{8,235 \text{ mg}}{500 \text{ mg}} \times 50 \text{ ml} = 0,8235 \text{ ml}$$

2. Tikus 2

$$\text{Tikus } 183 \text{ gram} = \frac{183 \text{ gram}}{200 \text{ gram}} \times 9 \text{ mg} = 8,235 \text{ mg}$$

$$\text{Volume Oral} = \frac{8,235 \text{ mg}}{500 \text{ mg}} \times 50 \text{ ml} = 0,8235 \text{ ml}$$

3. Tikus 3

$$\text{Tikus } 181 \text{ gram} = \frac{181 \text{ gram}}{200 \text{ gram}} \times 9 \text{ mg} = 8,145 \text{ mg}$$

$$\text{Volume Oral} = \frac{8,145 \text{ mg}}{500 \text{ mg}} \times 50 \text{ ml} = 0,8145 \text{ ml}$$

4. Tikus 4

$$\text{Tikus 188 gram} = \frac{188 \text{ gram}}{200 \text{ gram}} \times 9 \text{ mg} = 8,46 \text{ mg}$$

$$\text{Volume Oral} = \frac{8,46 \text{ mg}}{500 \text{ mg}} \times 50 \text{ ml} = 0,846 \text{ ml}$$

5. Tikus 5

$$\text{Tikus 185 gram} = \frac{185 \text{ gram}}{200 \text{ gram}} \times 9 \text{ mg} = 8,325 \text{ mg}$$

$$\text{Volume Oral} = \frac{8,325 \text{ mg}}{500 \text{ mg}} \times 50 \text{ ml} = 0,8325 \text{ ml}$$

D. Ekstrak Kembang Sepatu Gantung

Dosis Tikus

$$50 \text{ mg/KgBB Tikus} = \frac{200 \text{ g}}{1000 \text{ g}} \times 50 \text{ mg} = 10 \text{ mg}/200 \text{ g BB Tikus}$$

$$\text{Larutan Stok} = 500 \text{ mg}/50 \text{ ml}$$

1 Tikus 1

$$\text{Tikus 182 gram} = \frac{182 \text{ gram}}{200 \text{ gram}} \times 10 \text{ mg} = 9,1 \text{ mg}$$

$$\text{Volume Oral} = \frac{9,1 \text{ mg}}{500 \text{ mg}} \times 50 \text{ ml} = 0,91 \text{ ml}$$

2 Tikus 2

$$\text{Tikus 183 gram} = \frac{183 \text{ gram}}{200 \text{ gram}} \times 10 \text{ mg} = 9,15 \text{ mg}$$

$$\text{Volume Oral} = \frac{9,15 \text{ mg}}{500 \text{ mg}} \times 50 \text{ ml} = 0,915 \text{ ml}$$

3 Tikus 3

$$\text{Tikus 180 gram} = \frac{180 \text{ gram}}{200 \text{ gram}} \times 10 \text{ mg} = 9 \text{ mg}$$

$$\text{Volume Oral} = \frac{9 \text{ mg}}{500 \text{ mg}} \times 50 \text{ ml} = 0,9 \text{ ml}$$

4 Tikus

$$\text{Tikus 188 gram} = \frac{180 \text{ gram}}{200 \text{ gram}} \times 10 \text{ mg} = 9 \text{ mg}$$

$$\text{Volume Oral} = \frac{9 \text{ mg}}{500 \text{ mg}} \times 50 \text{ ml} = 0,9 \text{ ml}$$

5 Tikus

$$\text{Tikus 188 gram} = \frac{188 \text{ gram}}{200 \text{ gram}} \times 10 \text{ mg} = 9,4 \text{ mg}$$

$$\text{Volume Oral} = \frac{9,4 \text{ mg}}{500 \text{ mg}} \times 50 \text{ ml} = 0,94 \text{ ml}$$

E. Fraksi Kembang Sepatu Gantung Dosis 1

$$\text{Dosis Tikus} = 8,889\% \times 50 \text{ mg/kg BB Tikus}$$

$$= 4,4445 \text{ mg/kg BB Tikus}$$

$$4,4445 \text{ mg/KgBB Tikus} = \frac{200 \text{ g}}{1000 \text{ g}} \times 4,4445 \text{ mg}$$

$$= 0,8889 \text{ mg/200 g BB Tikus}$$

$$\text{Larutan Stok} = 500 \text{ mg/50 ml}$$

1. Tikus 1

$$\text{Tikus 180 gram} = \frac{180 \text{ gram}}{200 \text{ gram}} \times 0,8889 \text{ mg} = 0,80001 \text{ mg}$$

$$\text{Volume Oral} = \frac{0,80001 \text{ mg}}{500 \text{ mg}} \times 50 \text{ ml} = 0,08 \text{ ml}$$

2. Tikus 2

$$\text{Tikus 187 gram} = \frac{187 \text{ gram}}{200 \text{ gram}} \times 0,8889 \text{ mg} = 0,83 \text{ mg}$$

$$\text{Volume Oral} = \frac{0,83 \text{ mg}}{500 \text{ mg}} \times 50 \text{ ml} = 0,083 \text{ ml}$$

3. Tikus 3

$$\text{Tikus 185 gram} = \frac{185 \text{ gram}}{200 \text{ gram}} \times 0,8889 \text{ mg} = 0,8222 \text{ mg}$$

$$\text{Volume Oral} = \frac{0,8222 \text{ mg}}{500 \text{ mg}} \times 50 \text{ ml} = 0,082 \text{ ml}$$

4. Tikus 4

$$\text{Tikus 180 gram} = \frac{180 \text{ gram}}{200 \text{ gram}} \times 0,8889 \text{ mg} = 0,8 \text{ mg}$$

$$\text{Volume Oral} = \frac{0,8 \text{ mg}}{500 \text{ mg}} \times 50 \text{ ml} = 0,08 \text{ ml}$$

5. Tikus

$$\text{Tikus 183 gram} = \frac{183 \text{ gram}}{200 \text{ gram}} \times 0,8889 \text{ mg} = 0,813 \text{ mg}$$

$$\text{Volume Oral} = \frac{0,813 \text{ mg}}{500 \text{ mg}} \times 50 \text{ ml} = 0,081 \text{ ml}$$

F. Fraksi Kembang Sepatu Gantung Dosis 2

$$\begin{aligned} \text{Dosis Tikus} &= 8,889\% \times 50 \text{ mg/kg BB Tikus} \times 2 \\ &= 8,889 \text{ mg/kg BB Tikus} \end{aligned}$$

$$\begin{aligned} 8,889 \text{ mg/KgBB Tikus} &= \frac{200 \text{ g}}{1000 \text{ g}} \times 8,889 \text{ mg} \\ &= 1,7778 \text{ mg/200 g BB Tikus} \end{aligned}$$

$$\text{Larutan Stok} = 500 \text{ mg/50 ml}$$

1. Tikus 1

$$\text{Tikus 183 gram} = \frac{183 \text{ gram}}{200 \text{ gram}} \times 1,7778 \text{ mg} = 1,626 \text{ mg}$$

$$\text{Volume Oral} = \frac{1,626 \text{ mg}}{500 \text{ mg}} \times 50 \text{ ml} = 0,1626 \text{ ml}$$

2. Tikus 2

$$\text{Tikus 183 gram} = \frac{183 \text{ gram}}{200 \text{ gram}} \times 1,7778 \text{ mg} = 1,626 \text{ mg}$$

$$\text{Volume Oral} = \frac{1,626 \text{ mg}}{500 \text{ mg}} \times 50 \text{ ml} = 0,1626 \text{ ml}$$

3. Tikus 3

$$\text{Tikus 186 gram} = \frac{186 \text{ gram}}{200 \text{ gram}} \times 1,7778 \text{ mg} = 1,653 \text{ mg}$$

$$\text{Volume Oral} = \frac{1,653 \text{ mg}}{500 \text{ mg}} \times 50 \text{ ml} = 0,1653 \text{ ml}$$

4. Tikus 4

$$\text{Tikus 184 gram} = \frac{184 \text{ gram}}{200 \text{ gram}} \times 1,7778 \text{ mg} = 1,635 \text{ mg}$$

$$\text{Volume Oral} = \frac{1,635 \text{ mg}}{500 \text{ mg}} \times 50 \text{ ml} = 0,1635 \text{ ml}$$

5. Tikus 5

$$\text{Tikus 185 gram} = \frac{185 \text{ gram}}{200 \text{ gram}} \times 1,7778 \text{ mg} = 1,6446 \text{ mg}$$

$$\text{Volume Oral} = \frac{1,6446 \text{ mg}}{500 \text{ mg}} \times 50 \text{ ml} = 0,16446 \text{ ml}$$

G. Fraksi Kembang Sepatu Gantung Dosis 3

$$\text{Dosis Tikus} = 8,889\% \times 50 \text{ mg/kg BB Tikus} \times 3$$

$$= 13,3335 \text{ mg/kg BB Tikus}$$

$$13,3335 \text{ mg/KgBB Tikus} = \frac{200 \text{ g}}{1000 \text{ g}} \times 13,3335 \text{ mg}$$

$$= 2,6667 \text{ mg/200 g BB Tikus}$$

$$\text{Larutan Stok} = 500 \text{ mg/50 ml}$$

1. Tikus 1

$$\text{Tikus 187 gram} = \frac{187 \text{ gram}}{200 \text{ gram}} \times 2,6667 \text{ mg} = 2,493 \text{ mg}$$

$$\text{Volume Oral} = \frac{2,493 \text{ mg}}{500 \text{ mg}} \times 50 \text{ ml} = 0,2493 \text{ ml}$$

2. Tikus 2

$$\text{Tikus 182 gram} = \frac{182 \text{ gram}}{200 \text{ gram}} \times 2,6667 \text{ mg} = 2,426 \text{ mg}$$

$$\text{Volume Oral} = \frac{2,426 \text{ mg}}{500 \text{ mg}} \times 50 \text{ ml} = 0,2426 \text{ ml}$$

3. Tikus 3

$$\text{Tikus 187 gram} = \frac{187 \text{ gram}}{200 \text{ gram}} \times 2,6667 \text{ mg} = 2,493 \text{ mg}$$

$$\text{Volume Oral} = \frac{2,493 \text{ mg}}{500 \text{ mg}} \times 50 \text{ ml} = 0,2493 \text{ ml}$$

4. Tikus 4

$$\text{Tikus 181 gram} = \frac{181 \text{ gram}}{200 \text{ gram}} \times 2,6667 \text{ mg} = 2,413 \text{ mg}$$

$$\text{Volume Oral} = \frac{2,413 \text{ mg}}{500 \text{ mg}} \times 50 \text{ ml} = 0,2413 \text{ ml}$$

5. Tikus 5

$$\text{Tikus 185 gram} = \frac{185 \text{ gram}}{200 \text{ gram}} \times 2,6667 \text{ mg} = 2,4669 \text{ mg}$$

$$\text{Volume Oral} = \frac{2,4669 \text{ mg}}{500 \text{ mg}} \times 50 \text{ ml} = 0,24669 \text{ ml}$$

Lampiran 9. Data Suhu**CMC**

Tikus	T0	Tdemam	T30	T60	T90	T120	T150	T180
1	35,2	36,9	37,2	37,2	37,8	37,8	38	38
2	34,8	36,9	36,6	37,5	37	37,3	37,5	37,4
3	35,9	37	37,2	37,4	37,7	37,8	37,9	38
4	34,7	36,5	36,1	37,5	37,1	37,2	37,5	37,6
5	35,1	37,6	38,2	37,8	38,2	38,2	38,2	38,4
Rata-rata	35,14	36,98	37,06	37,48	37,56	37,66	37,82	37,88
SD	0,42	0,35	0,7	0,19	0,45	0,37	0,28	0,35

PARASETAMOL

tikus	T0	Tdemam	T30	T60	T90	T120	T150	T180
1	35,5	37,3	36,1	35,8	36,2	36,2	36,5	37,3
2	34,4	36,8	35	35,8	35,8	36	36,3	36,5
3	35,5	37,4	36,5	35,9	35,6	35,8	36	37
4	35,2	37,8	34,9	35,3	36	36,2	36,2	37,2
5	35	36,5	34,7	35,7	35,6	35,7	35,8	36,4
Rata-rata	35,12	37,16	35,44	35,7	35,84	35,98	36,16	36,88
SD	0,41	0,46	0,72	0,21	0,23	0,2	0,24	0,36

EKSRAK

tikus	T0	Tdemam	T30	T60	T90	T120	T150	T180
1	35,1	36,6	35,1	35,1	34,8	35	36	36,5
2	35	37,4	35,3	34,7	35,1	35,3	35,5	35,8
3	35,4	36,8	36,7	35,5	35,6	35,8	35,9	36,4
4	35,2	37,8	35,8	35,3	35,6	35,6	35,8	36,7
5	34,9	37,5	36,1	35,4	35,8	36	36,4	37,3
Rata-rata	35,12	37,22	35,8	35,2	35,38	35,54	35,92	36,54
SD	0,17	0,45	0,57	0,28	0,37	0,35	0,29	0,48

Fraksi 1

tikus	T0	Tdemam	T30	T60	T90	T120	T150	T180
1	36,2	37,7	35,6	35,1	35,4	35,9	36,2	36,6
2	34,4	36,7	36	34,7	34,8	35,5	36,1	36,7
3	35,4	38	36,7	35,5	36,3	36,5	36,5	37
4	36,9	37,2	35,8	35,3	35,5	35,8	36	36,4
5	36,1	37,1	36,1	35,4	34,1	35,5	36,1	36,8
Rata-rata	35,8	37,34	36,04	35,2	35,22	35,84	36,18	36,7
SD	0,84	0,46	0,37	0,28	0,74	0,36	0,17	0,2

Fraksi 2

Tikus	T0	Tdemam	T30	T60	T90	T120	T150	T180
1	35,3	37,5	34,9	34,5	36	36,2	36,7	37,4
2	36,1	37,6	36,6	35,8	35,8	36,3	36,6	37,3
3	36	36,8	34,5	35,7	35,6	35,9	36,3	36,8
4	37	37,6	35,9	35,6	35	35,5	36	36,9
5	36,2	37,1	35,4	35,9	35,4	36	36,4	37
Rata-rata	36,12	37,32	35,46	35,5	35,56	35,98	36,4	37,08
SD	0,54	0,32	0,74	0,51	0,34	0,27	0,24	0,23

Fraksi 3

Tikus	T0	Tdemam	T30	T60	T90	T120	T150	T180
1	36,8	38,4	33,3	34,4	34,3	34,7	35,2	36
2	36,5	37,9	33,4	33	33,8	34,2	34,8	35,3
3	36,2	36,5	33,8	34,5	34,4	35	35,6	36
4	36,1	37,9	36,7	35,9	34,6	35,2	35,6	36,2
5	35,2	36,7	34,6	35,1	34,4	34,5	35	36
Rata-rata	36,16	37,48	34,36	34,58	34,3	34,72	35,24	35,9
SD	0,53	0,74	1,26	0,95	0,27	0,35	0,32	0,31

Lampiran 10. Delta T, Data AUC dan %DAP

DELTA T

Negatif/CMC

Perlakuan	T30	T60	T90	T120	T150	T180
CMC	-0,3	-0,3	-0,9	-0,9	-1,1	-1,1
	0,3	-0,6	-0,1	-0,4	-0,6	-0,5
	-0,2	-0,4	-0,7	-0,8	-0,9	-1
	0,4	-1	-0,6	-0,7	-1	-1,1
	-0,6	-0,2	-0,6	-0,6	-0,6	-0,8
rata rata	-0,08	-0,5	-0,58	-0,68	-0,84	-0,9
SD	0,420714	0,316228	0,294958	0,192354	0,230217	0,254951

Positif/Parasetamol

Perlakuan	T30	T60	T90	T120	T150	T180
PCT	1,2	1,5	1,1	1,1	0,8	0
	1,8	1	1	0,8	0,5	0,3
	0,9	1,5	1,8	1,6	1,4	0,4
	2,9	2,5	1,8	1,6	1,6	0,6
	1,8	0,8	0,9	0,8	0,7	0,1
rata rata	1,72	1,46	1,32	1,18	1	0,28
SD	0,766159	0,658027	0,443847	0,402492	0,474342	0,238747

Kelompok Ekstrak

Perlakuan	T30	T60	T90	T120	T150	T180
Ekstrak	1,5	1,5	1,8	1,6	0,6	0,1
	2,1	2,7	2,3	2,1	1,9	1,6
	0,1	1,3	1,2	1	0,9	0,4
	2	2,5	2,2	2,2	2	1,1
	1,4	2,1	1,7	1,5	1,1	0,2
Rata-rata	1,42	2,02	1,84	1,68	1,3	0,68
Sd	0,798123	0,609918	0,439318	0,486826	0,620484	0,645755

Kelompok Fraksi I

Perlakuan	T30	T60	T90	T120	T150	T180
F1	2,1	2,6	2,3	1,8	1,5	1,1
	0,7	2	1,9	1,2	0,6	0
	1,3	2,5	1,7	1,5	1,5	1
	1,4	1,9	1,7	1,4	1,2	0,8
	1	1,7	3	1,6	1	0,3
Rata-rata	1,3	2,14	2,12	1,5	1,16	0,64
Sd	0,524404	0,391152	0,549545	0,223607	0,378153	0,472229

Kelompok Fraksi II

Perlakuan	T30	T60	T90	T120	T150	T180
F2	2,6	3	1,5	1,3	0,8	0,1
	1	1,8	1,8	1,3	1	0,3
	2,3	1,1	1,2	0,9	0,5	0
	1,7	2	2,6	2,1	1,6	0,7
	1,7	1,2	1,7	1,1	0,7	0,1
Rata-rata	1,86	1,82	1,76	1,34	0,92	0,24
Sd	0,61887	0,762889	0,522494	0,45607	0,420714	0,279285

Kelompok Fraksi III

Perlakuan	T30	T60	T90	T120	T150	T180
F3	5,1	4	4,1	3,7	3,2	2,4
	4,5	4,9	4,1	3,7	3,1	2,6
	2,7	2	2,1	1,5	0,9	0,5
	1,2	2	3,3	2,7	2,3	1,7
	2,1	1,6	2,3	2,2	1,7	0,7
Rata-rata	3,12	2,9	3,18	2,76	2,24	1,58
Sd	1,637681	1,459452	0,954987	0,958123	0,968504	0,957601

AUC

CMC

Tikus	AUC 0-30	AUC30-60	AUC60-90	AUC90-120	AUC 120-150	AUC 150-180	AUC TOTAL
1	1086	1116	1125	1134	1137	1140	6738
2	1071	1111,5	1117,5	1114,5	1122	1123,5	6660
3	1096,5	1119	1126,5	1132,5	1135,5	1138,5	6748,5
4	1062	1104	1119	1114,5	1120,5	1126,5	6646,5
5	1099,5	1140	1140	1146	1146	1149	6820,5
Rata-rata	1083	1118,1	1125,6	1128,3	1132,2	1135,5	6722,7
SD	16,19	13,48	8,912	13,640	10,785	10,446	71,067

PCT

Tikus	AUC0-30	AUC30-60	AUC60-90	AUC90-120	AUC120-150	AUC150-180	AUC TOTAL
1	1074	1078,5	1080	1086	1090,5	1107	6516
2	1041	1062	1074	1077	1084,5	1092	6430,5
3	1080	1086	1072,5	1071	1077	1095	6481,5
4	1051,5	1053	1069,5	1083	1086	1101	6444
5	1045,5	1056	1069,5	1069,5	1072,5	1083	6396
Rata-rata	1058,4	1067,1	1073,1	1077,3	1082,1	1095,6	6453,6
SD	17,512	14,449	4,321	7,225	7,241	9,099	46,4105

EKSTRAK

Tikus	AUC0-30	AUC30-60	AUC60-90	AUC90-120	AUC120-150	AUC150-180	AUC TOTAL
1	1053	1053	1048,5	1047	1065	1087,5	6354
2	1054,5	1050	1047	1056	1062	1069,5	6339
3	1081,5	1083	1066,5	1071	1075,5	1084,5	6462
4	1065	1066,5	1063,5	1068	1071	1087,5	6421,5
5	1065	1072,5	1068	1077	1086	1105,5	6474
Rata-rata	1063,8	1065	1058,7	1063,8	1071,9	1086,9	6410,1
SD	11,394	13,706	10,140	12,112	9,463	12,798	61,459

FRAKSI I

Tikus	AUC0-30	AUC30-60	AUC60-90	AUC90-120	AUC120-150	AUC150-180	AUC TOTAL
1	1077	1060,5	1057,5	1069,5	1081,5	1092	6438
2	1056	1060,5	1042,5	1054,5	1074	1092	6379,5
3	1081,5	1083	1077	1092	1095	1102,5	6531
4	1090,5	1066,5	1062	1069,5	1077	1086	6451,5
5	1083	1072,5	1042,5	1044	1074	1093,5	6409,5
Rata-rata	1077,6	1068,6	1056,3	1065,9	1080,3	1093,2	6441,9
SD	13,016	9,463	14,519	18,143	8,772	5,943	56,986

FRAKSI II

Tikus	AUC0-30	AUC30-60	AUC60-90	AUC90-120	AUC120-150	AUC150-180	AUC TOTAL
1	1053	1041	1057,5	1083	1093,5	1111,5	6439,5
2	1090,5	1086	1074	1081,5	1093,5	1108,5	6534
3	1057,5	1053	1069,5	1072,5	1083	1096,5	6432
4	1093,5	1072,5	1059	1057,5	1072,5	1093,5	6448,5
5	1074	1069,5	1069,5	1071	1086	1101	6471
Rata-rata	1073,7	1064,4	1065,9	1073,1	1085,7	1102,2	6465
SD	18,475	17,576	7,240	10,206	8,707	7,677	41,257

FRAKSI III

Tikus	AUC0-30	AUC30-60	AUC60-90	AUC90-120	AUC120-150	AUC150-180	AUC TOTAL
1	1051,5	1015,5	1030,5	1035	1048,5	1068	6249
2	1048,5	996	1002	1020	1035	1051,5	6153
3	1050	1024,5	1033,5	1041	1059	1074	6282
4	1092	1089	1057,5	1047	1062	1077	6424,5
5	1047	1045,5	1042,5	1033,5	1042,5	1065	6276
Rata-rata	1057,8	1034,1	1033,2	1035,3	1049,4	1067,1	6276,9
SD	19,192	35,474	20,358	10,087	11,255	9,927	97,394

% DAP

TIKUS	%DAP				
	PCT	EKSTRAK	F1	F2	F3
1	3,29	5,70	4,45	4,43	7,26
2	3,45	4,82	4,21	1,89	7,61
3	3,96	4,25	3,22	4,69	6,91
4	3,05	3,39	2,93	2,98	3,34
5	6,22	5,08	6,03	5,12	7,98
RATA-RATA	3,99	4,65	4,17	3,82	6,62
SD	1,29	0,877163	1.219728	1,346746	1,877058

Lampiran 11. Hasil Uji Statistik**Oneway****Notes**

Output Created		10-JUN-2021 05:36:47
Comments		
Input	Data	D:\april-mey\PROPOSAL\OLAH DATA\OLAH DATA.sav
	Active Dataset	DataSet0
	Filter	<none>
	Weight	<none>
	Split File	WAKTU
	N of Rows in Working Data File	210
Missing Handling	Value Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics for each analysis are based on cases with no missing data for any variable in the analysis.
Syntax		ONEWAY SELISIH_SUHU BY KELOMPOK /STATISTICS HOMOGENEITY /MISSING ANALYSIS /POSTHOC=TUKEY ALPHA(0.05).
Resources	Processor Time	00:00:00.11
	Elapsed Time	00:00:00.47

Warnings

The file is not sorted in a consistent manner on the split file variables. It is likely that any procedure output will be incorrect.

WAKTU = T30**Test of Homogeneity of Variances^a**

		Levene Statistic	df1	df2	Sig.
SELISIH_SUHU	Based on Mean	3.576	5	24	.015
	Based on Median	1.977	5	24	.119
	Based on Median and with adjusted df	1.977	5	12.825	.150
	Based on trimmed mean	3.551	5	24	.015

a. WAKTU = T30

ANOVA^a

SELISIH_SUHU

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	26.630	5	5.326	6.740	.000
Within Groups	18.964	24	.790		
Total	45.594	29			

a. WAKTU = T30

Post Hoc Tests**Multiple Comparisons^a**

Dependent Variable: SELISIH_SUHU

Tukey HSD

(I) KELOMPOK	(J) KELOMPOK	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
CMC	PCT	-1.80000*	.562198	.039	-3.53828	-.06172
	EKSTRAK	-1.500000	.562198	.119	-3.23828	.23828
	F1	-1.380000	.562198	.178	-3.11828	.35828
	F2	-1.940000*	.562198	.023	-3.67828	-.20172
	F3	-3.200000*	.562198	.000	-4.93828	-1.46172
PCT	CMC	1.800000*	.562198	.039	.06172	3.53828
	EKSTRAK	.300000	.562198	.994	-1.43828	2.03828
	F1	.420000	.562198	.974	-1.31828	2.15828
	F2	-.140000	.562198	1.000	-1.87828	1.59828
	F3	-1.400000	.562198	.167	-3.13828	.33828
EKSTRAK	CMC	1.500000	.562198	.119	-.23828	3.23828
	PCT	-.300000	.562198	.994	-2.03828	1.43828
	F1	.120000	.562198	1.000	-1.61828	1.85828
	F2	-.440000	.562198	.968	-2.17828	1.29828
	F3	-1.700000	.562198	.058	-3.43828	.03828
F1	CMC	1.380000	.562198	.178	-.35828	3.11828
	PCT	-.420000	.562198	.974	-2.15828	1.31828
	EKSTRAK	-.120000	.562198	1.000	-1.85828	1.61828
	F2	-.560000	.562198	.915	-2.29828	1.17828
	F3	-1.820000*	.562198	.036	-3.55828	-.08172
F2	CMC	1.940000*	.562198	.023	.20172	3.67828
	PCT	.140000	.562198	1.000	-1.59828	1.87828
	EKSTRAK	.440000	.562198	.968	-1.29828	2.17828
	F1	.560000	.562198	.915	-1.17828	2.29828
	F3	-1.260000	.562198	.256	-2.99828	.47828

F3	CMC	3.20000*	.562198	.000	1.46172	4.93828
	PCT	1.400000	.562198	.167	-.33828	3.13828
	EKSTRAK	1.700000	.562198	.058	-.03828	3.43828
	F1	1.820000*	.562198	.036	.08172	3.55828
	F2	1.260000	.562198	.256	-.47828	2.99828

*. The mean difference is significant at the 0.05 level.

a. WAKTU = T30

Homogeneous Subsets

SELISIH_SUHUa

Tukey HSDb

KELOMPOK	N	Subset for alpha = 0.05		
		1	2	3
CMC	5	-.08000		
F1	5	1.30000	1.30000	
EKSTRAK	5	1.42000	1.42000	1.42000
PCT	5		1.72000	1.72000
F2	5		1.86000	1.86000
F3	5			3.12000
Sig.		.119	.915	.058

Means for groups in homogeneous subsets are displayed.a

a. WAKTU = T30

b. Uses Harmonic Mean Sample Size = 5.000.

WAKTU = T60

Test of Homogeneity of Variancesa

		Levene Statistic	df1	df2	Sig.
SELISIH SUHU	Based on Mean	5.341	5	24	.002
	Based on Median	1.113	5	24	.380
	Based on Median and with adjusted df	1.113	5	7.127	.431
	Based on trimmed mean	5.054	5	24	.003

a. WAKTU = T60

ANOVAa

SELISIH_SUHU	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	33.132	5	6.626	10.546	.000
Within Groups	15.080	24	.628		
Total	48.212	29			

a. WAKTU = T60

Post Hoc Tests

Multiple Comparisonsa

Dependent Variable: SELISIH_SUHU

Tukey HSD

(I) KELOMPOK	(J) KELOMPOK	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
CMC	PCT	-1.96000*	.501332	.008	-3.51008	-.40992
	EKSTRAK	-2.52000*	.501332	.000	-4.07008	-.96992
	F1	-2.64000*	.501332	.000	-4.19008	-1.08992
	F2	-2.32000*	.501332	.001	-3.87008	-.76992
	F3	-3.40000*	.501332	.000	-4.95008	-1.84992
PCT	CMC	1.96000*	.501332	.008	.40992	3.51008
	EKSTRAK	-.560000	.501332	.870	-2.11008	.99008

	F1	-.680000	.501332	.751	-2.23008	.87008
	F2	-.360000	.501332	.978	-1.91008	1.19008
	F3	-1.440000	.501332	.079	-2.99008	.11008
EKSTRAK	CMC	2.520000*	.501332	.000	.96992	4.07008
	PCT	.560000	.501332	.870	-.99008	2.11008
	F1	-.120000	.501332	1.000	-1.67008	1.43008
	F2	.200000	.501332	.999	-1.35008	1.75008
	F3	-.880000	.501332	.511	-2.43008	.67008
F1	CMC	2.640000*	.501332	.000	1.08992	4.19008
	PCT	.680000	.501332	.751	-.87008	2.23008
	EKSTRAK	.120000	.501332	1.000	-1.43008	1.67008
	F2	.320000	.501332	.987	-1.23008	1.87008
	F3	-.760000	.501332	.658	-2.31008	.79008
F2	CMC	2.320000*	.501332	.001	.76992	3.87008
	PCT	.360000	.501332	.978	-1.19008	1.91008
	EKSTRAK	-.200000	.501332	.999	-1.75008	1.35008
	F1	-.320000	.501332	.987	-1.87008	1.23008
	F3	-1.080000	.501332	.295	-2.63008	.47008
F3	CMC	3.400000*	.501332	.000	1.84992	4.95008
	PCT	1.440000	.501332	.079	-.11008	2.99008
	EKSTRAK	.880000	.501332	.511	-.67008	2.43008
	F1	.760000	.501332	.658	-.79008	2.31008
	F2	1.080000	.501332	.295	-.47008	2.63008

*. The mean difference is significant at the 0.05 level.

a. WAKTU = T60

Homogeneous Subsets

SELISIH_SUHUA

Tukey HSDb

KELOMPOK	N	Subset for alpha = 0.05	
		1	2
CMC	5	-.50000	
PCT	5		1.46000
F2	5		1.82000
EKSTRAK	5		2.02000
F1	5		2.14000
F3	5		2.90000
Sig.		1.000	.079

Means for groups in homogeneous subsets are displayed.a

a. WAKTU = T60

b. Uses Harmonic Mean Sample Size = 5.000.

WAKTU = T90

Test of Homogeneity of Variancesa

		Levene Statistic	df1	df2	Sig.
SELISIH_SUHU	Based on Mean	2.638	5	24	.049
	Based on Median	1.527	5	24	.219
	Based on Median and with adjusted df	1.527	5	19.816	.226
	Based on trimmed mean	2.568	5	24	.054

a. WAKTU = T90

ANOVAa

SELISIH_SUHU	Sum of Squares	df	Mean Square	F	Sig.
--------------	----------------	----	-------------	---	------

Between Groups	38.403	5	7.681	23.464	.000
Within Groups	7.856	24	.327		
Total	46.259	29			

a. WAKTU = T90

Post Hoc Tests

Multiple Comparisonsa

Dependent Variable: SELISIH_SUHU

Tukey HSD

(I) KELOMPOK	(J) KELOMPOK	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval Lower Bound	Upper Bound
CMC	PCT	-1.90000*	.361847	.000	-3.01881	-.78119
	EKSTRAK	-2.42000*	.361847	.000	-3.53881	-1.30119
	F1	-2.70000*	.361847	.000	-3.81881	-1.58119
	F2	-2.34000*	.361847	.000	-3.45881	-1.22119
	F3	-3.76000*	.361847	.000	-4.87881	-2.64119
PCT	CMC	1.90000*	.361847	.000	.78119	3.01881
	EKSTRAK	-.520000	.361847	.705	-1.63881	.59881
	F1	-.800000	.361847	.269	-1.91881	.31881
	F2	-.440000	.361847	.825	-1.55881	.67881
	F3	-1.86000*	.361847	.000	-2.97881	-.74119
EKSTRAK	CMC	2.42000*	.361847	.000	1.30119	3.53881
	PCT	.520000	.361847	.705	-.59881	1.63881
	F1	-.280000	.361847	.969	-1.39881	.83881
	F2	.080000	.361847	1.000	-1.03881	1.19881
	F3	-1.34000*	.361847	.013	-2.45881	-.22119
F1	CMC	2.70000*	.361847	.000	1.58119	3.81881
	PCT	.800000	.361847	.269	-.31881	1.91881
	EKSTRAK	.280000	.361847	.969	-.83881	1.39881
	F2	.360000	.361847	.915	-.75881	1.47881
	F3	-1.060000	.361847	.071	-2.17881	.05881
F2	CMC	2.34000*	.361847	.000	1.22119	3.45881
	PCT	.440000	.361847	.825	-.67881	1.55881
	EKSTRAK	-.080000	.361847	1.000	-1.19881	1.03881
	F1	-.360000	.361847	.915	-1.47881	.75881
	F3	-1.42000*	.361847	.007	-2.53881	-.30119
F3	CMC	3.76000*	.361847	.000	2.64119	4.87881
	PCT	1.86000*	.361847	.000	.74119	2.97881
	EKSTRAK	1.34000*	.361847	.013	.22119	2.45881
	F1	1.060000	.361847	.071	-.05881	2.17881
	F2	1.42000*	.361847	.007	.30119	2.53881

*. The mean difference is significant at the 0.05 level.

a. WAKTU = T90

Homogeneous Subsets

SELISIH_SUHUa

Tukey HSDb

KELOMPOK	N	Subset for alpha = 0.05		
		1	2	3
CMC	5	-.58000		
PCT	5		1.32000	
F2	5		1.76000	

EKSTRAK	5	1.84000	
F1	5	2.12000	2.12000
F3	5		3.18000
Sig.		1.000	.269

Means for groups in homogeneous subsets are displayed.a

a. WAKTU = T90

b. Uses Harmonic Mean Sample Size = 5.000.

WAKTU = T120

Test of Homogeneity of Variance

		Levene Statistic	df1	df2	Sig.
SELISIH	Based on Mean	3.523	5	24	.016
SUHU	Based on Median	2.805	5	24	.039
	Based on Median and with adjusted df	2.805	5	13.074	.062
	Based on trimmed mean	3.576	5	24	.015

a. WAKTU = T120

ANOVAa

SELISIH_SUHU					
	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	31.262	5	6.252	23.272	.000
Within Groups	6.448	24	.269		
Total	37.710	29			

a. WAKTU = T120

Post Hoc Tests

Multiple Comparisonsa

Dependent Variable: SELISIH_SUHU

Tukey HSD

(I) KELOMPOK	(J) KELOMPOK	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
CMC	PCT	-1.86000*	.327821	.000	-2.87360	-.84640
	EKSTRAK	-2.36000*	.327821	.000	-3.37360	-1.34640
	F1	-2.18000*	.327821	.000	-3.19360	-1.16640
	F2	-2.02000*	.327821	.000	-3.03360	-1.00640
	F3	-3.44000*	.327821	.000	-4.45360	-2.42640
PCT	CMC	1.86000*	.327821	.000	.84640	2.87360
	EKSTRAK	-.500000	.327821	.652	-1.51360	.51360
	F1	-.320000	.327821	.921	-1.33360	.69360
	F2	-.160000	.327821	.996	-1.17360	.85360
	F3	-1.58000*	.327821	.001	-2.59360	-.56640
EKSTRAK	CMC	2.36000*	.327821	.000	1.34640	3.37360
	PCT	.500000	.327821	.652	-.51360	1.51360
	F1	.180000	.327821	.993	-.83360	1.19360
	F2	.340000	.327821	.901	-.67360	1.35360
	F3	-1.08000*	.327821	.032	-2.09360	-.06640
F1	CMC	2.18000*	.327821	.000	1.16640	3.19360
	PCT	.320000	.327821	.921	-.69360	1.33360
	EKSTRAK	-.180000	.327821	.993	-1.19360	.83360
	F2	.160000	.327821	.996	-.85360	1.17360
	F3	-1.26000*	.327821	.009	-2.27360	-.24640
F2	CMC	2.02000*	.327821	.000	1.00640	3.03360
	PCT	.160000	.327821	.996	-.85360	1.17360
	EKSTRAK	-.340000	.327821	.901	-1.35360	.67360
	F1	-.160000	.327821	.996	-1.17360	.85360
	F3	-1.42000*	.327821	.003	-2.43360	-.40640
F3	CMC	3.44000*	.327821	.000	2.42640	4.45360

PCT	1.580000*	.327821	.001	.56640	2.59360
EKSTRAK	1.080000*	.327821	.032	.06640	2.09360
F1	1.260000*	.327821	.009	.24640	2.27360
F2	1.420000*	.327821	.003	.40640	2.43360

*. The mean difference is significant at the 0.05 level.

a. WAKTU = T120

Homogeneous Subsets

SELISIH_SUHUa

Tukey HSDb

KELOMPOK	N	Subset for alpha = 0.05		
		1	2	3
CMC	5	-.68000		
PCT	5		1.18000	
F2	5		1.34000	
F1	5		1.50000	
EKSTRAK	5		1.68000	
F3	5			2.76000
Sig.		1.000	.652	1.000

Means for groups in homogeneous subsets are displayed.a

a. WAKTU = T120

b. Uses Harmonic Mean Sample Size = 5.000.

WAKTU = T150

Test of Homogeneity of Variancesa

		Levene Statistic	df1	df2	Sig.
SELISIH_SUHU	Based on Mean	2.962	5	24	.032
	Based on Median	1.765	5	24	.158
	Based on Median and with adjusted df	1.765	5	16.342	.176
	Based on trimmed mean	2.840	5	24	.037

a. WAKTU = T150

ANOVAa

SELISIH_SUHU

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	25.186	5	5.037	15.733	.000
Within Groups	7.684	24	.320		
Total	32.870	29			

a. WAKTU = T150

Post Hoc Tests

Multiple Comparisons^a

Dependent Variable: SELISIH_SUHU

Tukey HSD

(I) KELOMPOK	(J) KELOMPOK	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
CMC	PCT	-1.84000*	.357864	.000	-2.94649	-.73351
	EKSTRAK	-2.14000*	.357864	.000	-3.24649	-1.03351
	F1	-2.00000*	.357864	.000	-3.10649	-.89351
	F2	-1.76000*	.357864	.001	-2.86649	-.65351
	F3	-3.08000*	.357864	.000	-4.18649	-1.97351
PCT	CMC	1.84000*	.357864	.000	.73351	2.94649
	EKSTRAK	-.300000	.357864	.957	-1.40649	.80649
	F1	-.160000	.357864	.997	-1.26649	.94649
	F2	.080000	.357864	1.000	-1.02649	1.18649
	F3	-1.24000*	.357864	.022	-2.34649	-.13351
EKSTRAK	CMC	2.14000*	.357864	.000	1.03351	3.24649
	PCT	.300000	.357864	.957	-.80649	1.40649
	F1	.140000	.357864	.999	-.96649	1.24649
	F2	.380000	.357864	.891	-.72649	1.48649
	F3	-.940000	.357864	.129	-2.04649	.16649
F1	CMC	2.00000*	.357864	.000	.89351	3.10649
	PCT	.160000	.357864	.997	-.94649	1.26649
	EKSTRAK	-.140000	.357864	.999	-1.24649	.96649
	F2	.240000	.357864	.984	-.86649	1.34649
	F3	-1.080000	.357864	.059	-2.18649	.02649
F2	CMC	1.76000*	.357864	.001	.65351	2.86649
	PCT	-.080000	.357864	1.000	-1.18649	1.02649
	EKSTRAK	-.380000	.357864	.891	-1.48649	.72649
	F1	-.240000	.357864	.984	-1.34649	.86649
	F3	-1.32000*	.357864	.013	-2.42649	-.21351
F3	CMC	3.08000*	.357864	.000	1.97351	4.18649
	PCT	1.24000*	.357864	.022	.13351	2.34649
	EKSTRAK	.940000	.357864	.129	-.16649	2.04649
	F1	1.080000	.357864	.059	-.02649	2.18649
	F2	1.32000*	.357864	.013	.21351	2.42649

*. The mean difference is significant at the 0.05 level.

a. WAKTU = T150

Homogeneous Subsets

SELISIH_SUHU^a

Tukey HSD^b

KELOMPOK	N	Subset for alpha = 0.05		
		1	2	3
CMC	5	-.84000		
F2	5		.92000	
PCT	5		1.00000	
F1	5		1.16000	1.16000
EKSTRAK	5		1.30000	1.30000
F3	5			2.24000
Sig.		1.000	.891	.059

Means for groups in homogeneous subsets are displayed.^a

a. WAKTU = T150

b. Uses Harmonic Mean Sample Size = 5.000.

WAKTU = T180**Test of Homogeneity of Variances**

		Levene Statistic	df1	df2	Sig.
SELISIH SUHU	Based on Mean	5.937	5	24	.001
	Based on Median	2.510	5	24	.058
	Based on Median and with adjusted df	2.510	5	15.172	.076
	Based on trimmed mean	5.709	5	24	.001

a. WAKTU = T180

ANOVA

SELISIH_SUHU					
	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	16.280	5	3.256	11.119	.000
Within Groups	7.028	24	.293		
Total	23.308	29			

a. WAKTU = T180

Post Hoc Tests**Multiple Comparisons**

Dependent Variable: SELISIH_SUHU

Tukey HSD

(I) KELOMPOK	(J) KELOMPOK	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval Lower Bound	Upper Bound
CMC	PCT	-1.180000*	.342247	.023	-2.23821	-.12179
	EKSTRAK	-1.580000*	.342247	.001	-2.63821	-.52179
	F1	-1.540000*	.342247	.002	-2.59821	-.48179
	F2	-1.140000*	.342247	.030	-2.19821	-.08179
	F3	-2.480000*	.342247	.000	-3.53821	-1.42179
PCT	CMC	1.180000*	.342247	.023	.12179	2.23821
	EKSTRAK	-.400000	.342247	.847	-1.45821	.65821
	F1	-.360000	.342247	.895	-1.41821	.69821
	F2	.040000	.342247	1.000	-1.01821	1.09821
	F3	-1.300000*	.342247	.010	-2.35821	-.24179
EKSTRAK	CMC	1.580000*	.342247	.001	.52179	2.63821
	PCT	.400000	.342247	.847	-.65821	1.45821
	F1	.040000	.342247	1.000	-1.01821	1.09821
	F2	.440000	.342247	.790	-.61821	1.49821
	F3	-.900000	.342247	.128	-1.95821	.15821
F1	CMC	1.540000*	.342247	.002	.48179	2.59821
	PCT	.360000	.342247	.895	-.69821	1.41821
	EKSTRAK	-.040000	.342247	1.000	-1.09821	1.01821
	F2	.400000	.342247	.847	-.65821	1.45821
	F3	-.940000	.342247	.102	-1.99821	.11821
F2	CMC	1.140000*	.342247	.030	.08179	2.19821
	PCT	-.040000	.342247	1.000	-1.09821	1.01821
	EKSTRAK	-.440000	.342247	.790	-1.49821	.61821
	F1	-.400000	.342247	.847	-1.45821	.65821
	F3	-1.340000*	.342247	.008	-2.39821	-.28179
F3	CMC	2.480000*	.342247	.000	1.42179	3.53821
	PCT	1.300000*	.342247	.010	.24179	2.35821
	EKSTRAK	.900000	.342247	.128	-.15821	1.95821
	F1	.940000	.342247	.102	-.11821	1.99821
	F2	1.340000*	.342247	.008	.28179	2.39821

*. The mean difference is significant at the 0.05 level.

a. WAKTU = T180

Homogeneous Subsets

SELISIH_SUHU^a

Tukey HSD^b

KELOMPOK	N	Subset for alpha = 0.05		
		1	2	3
CMC	5	-.90000		
F2	5		.24000	
PCT	5		.28000	
F1	5		.64000	.64000
EKSTRAK	5		.68000	.68000
F3	5			1.58000
Sig.		1.000	.790	.102

Means for groups in homogeneous subsets are displayed.^a

a. WAKTU = T180

b. Uses Harmonic Mean Sample Size = 5.000.

WAKTU = AUC

Test of Homogeneity of Variances^a

		Levene Statistic	df1	df2	Sig.
SELISIH_SUHU	Based on Mean	.494	5	24	.777
	Based on Median	.434	5	24	.821
	Based on Median and with adjusted df	.434	5	15.357	.818
	Based on trimmed mean	.502	5	24	.771

a. WAKTU = AUC

ANOVA^a

SELISIH_SUHU	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	527015.700	5	105403.140	24.882	.000
Within Groups	101667.600	24	4236.150		
Total	628683.300	29			

a. WAKTU = AUC

Post Hoc Tests

Multiple Comparisons^a

Dependent Variable: SELISIH_SUHU

Tukey HSD

(I) KELOMPOK	(J) KELOMPOK	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval Lower Bound	Upper Bound
CMC	PCT	269.100000*	41.163819	.000	141.82430	396.37570
	EKSTRAK	312.600000*	41.163819	.000	185.32430	439.87570
	F1	280.800000*	41.163819	.000	153.52430	408.07570
	F2	257.700000*	41.163819	.000	130.42430	384.97570
	F3	445.800000*	41.163819	.000	318.52430	573.07570
PCT	CMC	-269.100000*	41.163819	.000	-396.37570	-141.82430
	EKSTRAK	43.500000	41.163819	.893	-83.77570	170.77570
	F1	11.700000	41.163819	1.000	-115.57570	138.97570
	F2	-11.400000	41.163819	1.000	-138.67570	115.87570
	F3	176.700000*	41.163819	.003	49.42430	303.97570
EKSTRAK	CMC	-312.600000*	41.163819	.000	-439.87570	-185.32430
	PCT	-43.500000	41.163819	.893	-170.77570	83.77570
	F1	-31.800000	41.163819	.970	-159.07570	95.47570
	F2	-54.900000	41.163819	.764	-182.17570	72.37570
	F3	133.200000*	41.163819	.037	5.92430	260.47570
F1	CMC	-280.800000*	41.163819	.000	-408.07570	-153.52430
	PCT	-11.700000	41.163819	1.000	-138.97570	115.57570
	EKSTRAK	31.800000	41.163819	.970	-95.47570	159.07570
	F2	-23.100000	41.163819	.993	-150.37570	104.17570
	F3	165.000000*	41.163819	.006	37.72430	292.27570
F2	CMC	-257.700000*	41.163819	.000	-384.97570	-130.42430
	PCT	11.400000	41.163819	1.000	-115.87570	138.67570
	EKSTRAK	54.900000	41.163819	.764	-72.37570	182.17570
	F1	23.100000	41.163819	.993	-104.17570	150.37570
	F3	188.100000*	41.163819	.002	60.82430	315.37570
F3	CMC	-445.800000*	41.163819	.000	-573.07570	-318.52430
	PCT	-176.700000*	41.163819	.003	-303.97570	-49.42430
	EKSTRAK	-133.200000*	41.163819	.037	-260.47570	-5.92430
	F1	-165.000000*	41.163819	.006	-292.27570	-37.72430
	F2	-188.100000*	41.163819	.002	-315.37570	-60.82430

*. The mean difference is significant at the 0.05 level.

a. WAKTU = AUC

Homogeneous Subsets

SELISIH_SAUC

Tukey HSDb

KELOMPOK	N	Subset for alpha = 0.05		
		1	2	3
F3	5	6276.90000		
EKSTRAK	5		6410.10000	
F1	5		6441.90000	
PCT	5		6453.60000	
F2	5		6465.00000	
CMC	5			6722.70000
Sig.		1.000	.764	1.000

Means for groups in homogeneous subsets are displayed.^a

a. WAKTU = AUC

b. Uses Harmonic Mean Sample Size = 5.000.

%DAP

		Tests of Normality					
		Kolmogorov-Smirnov ^a			Shapiro-Wilk		
	PERLAKUAN	Statistic	df	Sig.	Statistic	df	Sig.
DAP	PCT	.312	5	.127	.774	5	.049
	EKSTRAK	.179	5	.200	.983	5	.950
	F1	.208	5	.200	.929	5	.592
	F2	.274	5	.200	.904	5	.434
	F3	.362	5	.031	.752	5	.031

*. This is a lower bound of the true significance.

a. Lilliefors Significance Correction

		Test of Homogeneity of Variances			
		Levene Statistic	df1	df2	Sig.
DAP	Based on Mean	.501	4	20	.736
	Based on Median	.130	4	20	.969
	Based on Median and with adjusted df	.130	4	13.600	.969
	Based on trimmed mean	.386	4	20	.816

		ANOVA				
		Sum of Squares	df	Mean Square	F	Sig.
DAP	Between Groups	26.157	4	6.539	3.531	.025
	Within Groups	37.037	20	1.852		
	Total	63.194	24			

		Multiple Comparisons				
		Dependent Variable: DAP				
		Tukey HSD				
(I)	(J)	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval Lower Bound	95% Confidence Interval Upper Bound
PCT	EKSTRAK	-.65220	.86066	.940	-3.2276	1.9232
	F1	-.17580	.86066	1.000	-2.7512	2.3996
	F2	.17060	.86066	1.000	-2.4048	2.7460
	F3	-2.62760	.86066	.044	-5.2030	-.0522
EKSTRAK	PCT	.65220	.86066	.940	-1.9232	3.2276
	F1	.47640	.86066	.980	-2.0990	3.0518
	F2	.82280	.86066	.871	-1.7526	3.3982
	F3	-1.97540	.86066	.187	-4.5508	.6000
F1	PCT	.17580	.86066	1.000	-2.3996	2.7512
	EKSTRAK	-.47640	.86066	.980	-3.0518	2.0990
	F2	.34640	.86066	.994	-2.2290	2.9218
	F3	-2.45180	.86066	.067	-5.0272	.1236
F2	PCT	-.17060	.86066	1.000	-2.7460	2.4048
	EKSTRAK	-.82280	.86066	.871	-3.3982	1.7526
	F1	-.34640	.86066	.994	-2.9218	2.2290
	F3	-2.79820	.86066	.029	-5.3736	-.2228
F3	PCT	2.62760	.86066	.044	.0522	5.2030
	EKSTRAK	1.97540	.86066	.187	-.6000	4.5508

F1	2.45180	.86066	.067	-.1236	5.0272
F2	2.79820	.86066	.029	.2228	5.3736

*. The mean difference is significant at the 0.05 level.

DAP

Tukey HSD^a

PERLAKUAN	N	Subset for alpha = 0.05	
		1	2
F2	5	3.8230	
PCT	5	3.9936	
F1	5	4.1694	4.1694
EKSTRAK	5	4.6458	4.6458
F3	5		6.6212
Sig.		.871	.067

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 5.000.