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Lampiran. 1 Hasil uji anova

1. THC Sebelum Uji Tantang

Descriptives

THC

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
A= 0	3	2.03333	.189297	.109291	1.56309	2.50357	1.900	2.250
B=0,5 g/kg pakan	3	2.90000	.576628	.332916	1.46758	4.33242	2.300	3.450
C=1 g/kg pakan	3	2.61667	.850490	.491031	.50393	4.72940	1.750	3.450
D=1,5 g/kg pakan	3	1.86667	.375278	.216667	.93443	2.79891	1.500	2.250
Total	12	2.35417	.645776	.186419	1.94386	2.76447	1.500	3.450

ANOVA

THC

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	2.122	3	.707	2.296	.154
Within Groups	2.465	8	.308		
Total	4.587	11			

2. THC setelah uji tantang

Descriptives

THC

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
A= 0 Kontrol	3	2.35000	.739932	.427200	.51191	4.18809	1.500	2.850
B=0,5 g/kg	3	3.75000	.350000	.202073	2.88055	4.61945	3.400	4.100
C=1 g/kg	3	2.85000	.250000	.144338	2.22897	3.47103	2.600	3.100
D=1,5 g/kg	3	2.46667	.152753	.088192	2.08721	2.84612	2.300	2.600
Total	12	2.85417	.683061	.197183	2.42017	3.28816	1.500	4.100

ANOVA

THC

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	3.621	3	1.207	6.387	.016
Within Groups	1.512	8	.189		
Total	5.132	11			

THC

Tukey HSD[a]

Perlakuan	N	Subset for alpha = 0.05	
		1	2
A= 0 Kontrol	3	2.35000	
D=1,5 g/kg	3	2.46667	
C=1 g/kg	3	2.85000	2.85000
B=0,5 g/kg	3		3.75000
Sig.		.528	.128

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3.000.

3. DHC sebelum uji tantang

Descriptives

		N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
						Lower Bound	Upper Bound		
Hialin	A= 0 Kontrol	3	73.67	1.155	.667	70.80	76.54	73	75
	B=0,5 g/kg	3	74.33	1.528	.882	70.54	78.13	73	76
	C=1 g/kg	3	75.33	3.215	1.856	67.35	83.32	73	79
	D=1,5 g/kg	3	73.67	1.528	.882	69.87	77.46	72	75
	Total	12	74.25	1.865	.538	73.07	75.43	72	79
Semi Granular	A= 0 Kontrol	3	13.00	1.000	.577	10.52	15.48	12	14
	B=0,5 g/kg	3	12.67	2.517	1.453	6.42	18.92	10	15
	C=1 g/kg	3	12.00	1.732	1.000	7.70	16.30	11	14
	D=1,5 g/kg	3	14.33	.577	.333	12.90	15.77	14	15
	Total	12	13.00	1.651	.477	11.95	14.05	10	15
Granular	A= 0 Kontrol	3	13.33	2.082	1.202	8.16	18.50	11	15
	B=0,5 g/kg	3	13.00	1.000	.577	10.52	15.48	12	14
	C=1 g/kg	3	12.67	2.517	1.453	6.42	18.92	10	15
	D=1,5 g/kg	3	12.00	1.000	.577	9.52	14.48	11	13
	Total	12	12.75	1.603	.463	11.73	13.77	10	15

ANOVA

		Sum of Squares	df	Mean Square	F	Sig.
Hialin	Between Groups	5.583	3	1.861	.456	.721
	Within Groups	32.667	8	4.083		
	Total	38.250	11			
Semi Granular	Between Groups	8.667	3	2.889	1.083	.410
	Within Groups	21.333	8	2.667		
	Total	30.000	11			
Granular	Between Groups	2.917	3	.972	.307	.820
	Within Groups	25.333	8	3.167		
	Total	28.250	11			

4. DHC setelah uji tantang

Descriptives

		N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
						Lower Bound	Upper Bound		
Hialin	A= Kontrol	3	44.67	3.215	1.856	36.68	52.65	41	47
	B=0,5	3	38.67	3.512	2.028	29.94	47.39	35	42
	C=1	3	49.33	1.528	.882	45.54	53.13	48	51
	D=1,5	3	45.00	2.000	1.155	40.03	49.97	43	47
	Total	12	44.42	4.582	1.323	41.51	47.33	35	51
Semigranular	A= Kontrol	3	23.67	2.082	1.202	18.50	28.84	22	26
	B=0,5	3	22.67	2.887	1.667	15.50	29.84	21	26
	C=1	3	20.00	1.000	.577	17.52	22.48	19	21
	D=1,5	3	22.67	1.155	.667	19.80	25.54	22	24
	Total	12	22.25	2.179	.629	20.87	23.63	19	26
Granular	A= Kontrol	3	31.67	1.155	.667	28.80	34.54	31	33
	B=0,5	3	38.67	1.528	.882	34.87	42.46	37	40
	C=1	3	30.67	2.082	1.202	25.50	35.84	29	33
	D=1,5	3	32.33	2.309	1.333	26.60	38.07	31	35
	Total	12	33.33	3.627	1.047	31.03	35.64	29	40

ANOVA

		Sum of Squares	df	Mean Square	F	Sig.
Hialin	Between Groups	172.917	3	57.639	7.950	.009
	Within Groups	58.000	8	7.250		
	Total	230.917	11			
Semigranular	Between Groups	22.250	3	7.417	1.978	.196
	Within Groups	30.000	8	3.750		
	Total	52.250	11			
Granular	Between Groups	118.000	3	39.333	11.800	.003
	Within Groups	26.667	8	3.333		
	Total	144.667	11			

Hialin

Tukey HSD[a]

Perlakuan	N	Subset for alpha = 0.05	
		1	2
B=0,5	3	38.67	
A= Kontrol	3	44.67	44.67
D=1,5	3	45.00	45.00
C=1	3		49.33
Sig.		.079	.225

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3.000.

Semigranular

Tukey HSD[a]

Perlakuan	N	Subset for alpha = 0.05
		1
C=1	3	20.00
B=0,5	3	22.67
D=1,5	3	22.67
A= Kontrol	3	23.67
Sig.		.173

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3.000.

Granular

Tukey HSD[a]

Perlakuan	N	Subset for alpha = 0.05	
		1	2
C=1	3	30.67	
A= Kontrol	3	31.67	
D=1,5	3	32.33	
B=0,5	3		38.67
Sig.		.689	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3.000.

5. PO Sebelum Uji Tantang

Descriptives

PO

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
A= 0 Kontrol	3	.03633	.002517	.001453	.03008	.04258	.034	.039
B=0,5 g/kg	3	.03533	.004509	.002603	.02413	.04653	.031	.040
C=1 g/kg	3	.03333	.003512	.002028	.02461	.04206	.030	.037
D=1,5 g/kg	3	.03733	.004163	.002404	.02699	.04768	.034	.042
Total	12	.03558	.003554	.001026	.03333	.03784	.030	.042

ANOVA

PO

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	.000	3	.000	.621	.621
Within Groups	.000	8	.000		
Total	.000	11			

6. PO setelah uji tantang

Descriptives

PO

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
A= Kontrol	3	.04700	.003000	.001732	.03955	.05445	.044	.050
B=0,5	3	.06333	.002517	.001453	.05708	.06958	.061	.066
C=1	3	.05000	.001000	.000577	.04752	.05248	.049	.051
D=1,5	3	.05867	.004726	.002728	.04693	.07041	.055	.064
Total	12	.05475	.007338	.002118	.05009	.05941	.044	.066

ANOVA

PO

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	.001	3	.000	17.756	.001
Within Groups	.000	8	.000		
Total	.001	11			

PO

Tukey HSD[a]

Perlakuan	N	Subset for alpha = 0.05	
		1	2
A= Kontrol	3	.04700	
C=1	3	.05000	
D=1,5	3		.05867
B=0,5	3		.06333
Sig.		.654	.324

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3.000.

7. Aktifitas fagositosis setelah uji tantang

Descriptives

AKTIFITAS FAGOSITOSIS

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
A= 0 Kontrol	3	35.867	3.8527	2.2244	26.296	45.437	32.1	39.8
B=0,5 g/kg	3	41.733	1.5373	.8876	37.914	45.552	40.7	43.5
C=1 g/kg	3	43.467	2.8148	1.6251	36.474	50.459	40.5	46.1
D=1,5 g/kg	3	33.533	2.8024	1.6180	26.572	40.495	30.8	36.4
Total	12	38.650	4.9163	1.4192	35.526	41.774	30.8	46.1

ANOVA

AKTIFITAS FAGOSITOSIS

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	199.903	3	66.634	8.081	.008
Within Groups	65.967	8	8.246		
Total	265.870	11			

AKTIFITAS FAGOSITOSIS

Tukey HSD[a]

Perlakuan	N	Subset for alpha = 0.05		
		1	2	3
D=1,5 g/kg	3	33.533		
A= 0 Kontrol	3	35.867	35.867	
B=0,5 g/kg	3		41.733	41.733
C=1 g/kg	3			43.467
Sig.		.756	.134	.879

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3.000.

8. Tingkat kelangsungan hidup (SR)

Descriptives

		N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
						Lower Bound	Upper Bound		
Hari ke 1	A= 0 (kontrol)	3	63.33	5.774	3.333	48.99	77.68	60	70
	B=0,5 g/kg pakan	3	83.33	5.774	3.333	68.99	97.68	80	90
	C=1 g/kg pakan	3	86.67	5.774	3.333	72.32	101.01	80	90
	D=1,5 g/kg pakan	3	73.33	5.774	3.333	58.99	87.68	70	80
	Total	12	76.67	10.731	3.098	69.85	83.48	60	90
Hari ke 2	A= 0 (kontrol)	3	63.33	5.774	3.333	48.99	77.68	60	70
	B=0,5 g/kg pakan	3	70.00	.000	.000	70.00	70.00	70	70
	C=1 g/kg pakan	3	66.67	5.774	3.333	52.32	81.01	60	70
	D=1,5 g/kg pakan	3	53.33	5.774	3.333	38.99	67.68	50	60
	Total	12	63.33	7.785	2.247	58.39	68.28	50	70
Hari ke 3	A= 0 (kontrol)	3	43.33	5.774	3.333	28.99	57.68	40	50
	B=0,5 g/kg pakan	3	56.67	5.774	3.333	42.32	71.01	50	60
	C=1 g/kg pakan	3	53.33	5.774	3.333	38.99	67.68	50	60
	D=1,5 g/kg pakan	3	40.00	10.000	5.774	15.16	64.84	30	50
	Total	12	48.33	9.374	2.706	42.38	54.29	30	60

ANOVA

		Sum of Squares	df	Mean Square	F	Sig.
Hari ke 1	Between Groups	1000.000	3	333.333	10.000	.004
	Within Groups	266.667	8	33.333		
	Total	1266.667	11			
Hari ke 2	Between Groups	466.667	3	155.556	6.222	.017
	Within Groups	200.000	8	25.000		
	Total	666.667	11			
Hari ke 3	Between Groups	566.667	3	188.889	3.778	.059
	Within Groups	400.000	8	50.000		
	Total	966.667	11			

Hari ke 1

Tukey HSD[a]

perlakuan	N	Subset for alpha = 0.05	
		1	2
A= 0 (kontrol)	3	63.33	
D=1,5 g/kg pakan	3	73.33	73.33
B=0,5 g/kg pakan	3		83.33
C=1 g/kg pakan	3		86.67
Sig.		.225	.085

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3.000.

Hari ke 2

Tukey HSD[a]

perlakuan	N	Subset for alpha = 0.05	
		1	2
D=1,5 g/kg pakan	3	53.33	
A= 0 (kontrol)	3	63.33	63.33
C=1 g/kg pakan	3		66.67
B=0,5 g/kg pakan	3		70.00
Sig.		.144	.414

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3.000.

Hari ke 3

Tukey HSD[a]

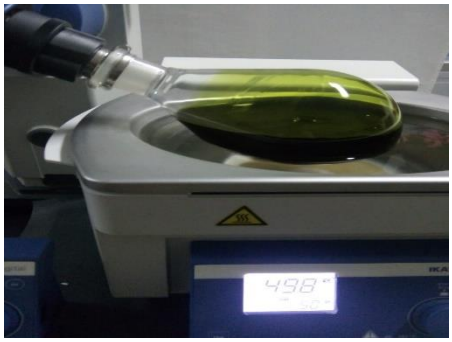
perlakuan	N	Subset for alpha = 0.05
		1
D=1,5 g/kg pakan	3	40.00
A= 0 (kontrol)	3	43.33
C=1 g/kg pakan	3	53.33
B=0,5 g/kg pakan	3	56.67
Sig.		.078

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3.000.

Lampiran 2. **Gambar proses ektraksi *Codium hubbsii***

Proses	Gambar
Pengeringan: Rumput laut *C. hubbsii* untuk menghilangkan kadar air	
Rumput laut *C. hubbsii*y ang sudah kering angin	
Proses penggilingan rumput laut kering dengan menggunakan blender. Selanjutnya proses pengayakan hasil yang diperoleh berupa serbuk rumput laut *C. hubbsii*	
Pencampuran Bahan: 200 g serbuk *C. hubbsii* dimasukkan ke dalam erlenmeyer 1000 ml dan ditambahkan 600 ml larutan etanol absolut	

Proses Maserasi Erlenmeyer yang besisi *C. hubbsii* dimasukkan ke dalam alat thermoshaker dengan pengaturan suhu 29^0 C, kecepatan putaran 130 rpm selama 24 jam	
Penyaringan: Penyaringan menggunakan kertas saring untuk mendapatkan ekstrak cair yang bebas dari sisa lumpur dan serbuk *C. hubbsii*	
Evaporasi: Proses evaporasi dilakukan dengan alat evaporator untuk menguapkan cairan etanol sehingga diperoleh ekstrak murni.	

Lampiran 3. Gambar Indikator Uji Fitokimia Ekstrak Rumput Laut *C. hubbsii*