

7. LAMPIRAN

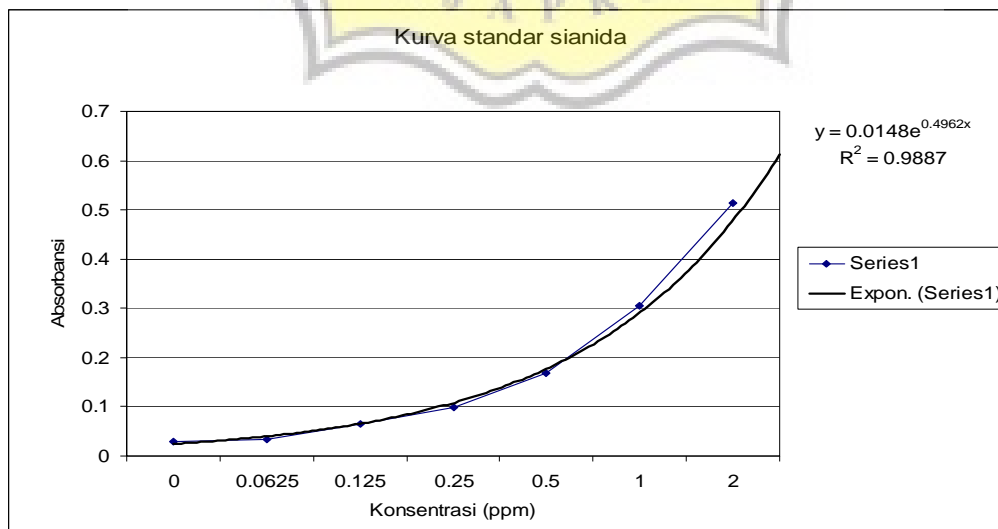
Lampiran 1. Gambar Ekstrak Koro Glinding



Lampiran 2. Fraksi Heksan (a), Etil Asetat (b), Butanol (c), dan Air (d) dari Biji Koro Glinding



Lampiran 3. Kurva Standar Sianida



Lampiran 4. Contoh Analisa Data Biji Koro Glinding dengan Bantuan SPSS 12.0

Analisa Data Aktivitas Antioksidan Pada Konsentrasi 500 ppm

ANOVA

DISCOLOR

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	3868.584	6	644.764	9508.817	.000
Within Groups	2.373	35	.068		
Total	3870.957	41			

DISCOLOR

Tukey HSD^a

SAMPEL	N	Subset for alpha = .05					
		1	2	3	4	5	6
bahn tepung	6	6.6053					
ekstrak etanol	6		14.6825				
ekstrak hexan	6			15.4155			
fraksi hexan	6				29.8702		
fraksi air	6				30.1644	30.1644	
fraksi etil asetat	6					30.6227	
fraksi butanol	6						32.6325
Sig.		1.000	1.000	1.000	.459	.060	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 6.000.

Analisa Data Aktivitas Antioksidan Pada Konsentrasi 250 ppm

ANOVA

DISCOLOR

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	4303.801	6	717.300	16323.398	.000
Within Groups	1.538	35	.044		
Total	4305.339	41			

DISCOLOR

Tukey HSD^a

SAMPEL	N	Subset for alpha = .05						
		1	2	3	4	5	6	7
bahn tepung	6	5.0877						
ekstrak etanol	6		10.5685					
ekstrak hexan	6			13.4303				
fraksi hexan	6				28.3411			
fraksi air	6					29.5434		
fraksi etil asetat	6						29.9395	
fraksi butanol	6							30.5507
Sig.		1.000	1.000	1.000	1.000	1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 6.000.

Analisa Data Kandungan Asam Fitat

ANOVA

ASFITAT

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	1613.353	6	268.892	1056.429	.000
Within Groups	8.909	35	.255		
Total	1622.261	41			

ASFITAT

Tukey HSD^a

SAMPEL	N	Subset for alpha = .05					
		1	2	3	4	5	6
fraksi butanol	6	4.1912					
fraksi air	6		7.2256				
bahn tepung	6		7.6659				
ekstrak etanol	6			9.1910			
fraksi etil asetat	6				13.9707		
ekstrak hexan	6					19.6702	
fraksi hexan	6						21.7848
Sig.		1.000	.736	1.000	1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 6.000.

Lampiran 5. Tabel Hasil Penelitian Aktivitas Antioksidan Biji Koro Glinding

Sampel	Konsentrasi (ppm)	Ulangan	Blanko (0 menit)		Absorbansi		% Discoloration		Rata-rata % discoloration
			Batch 1	Batch 2	Batch 1	Batch 2	Batch 1	Batch 2	
Biji segar	500	1	0.8192	0.8143	0.7544	0.7489	7.9102	8.0314	8.0058
		2	0.8192	0.8143	0.7550	0.7468	7.8369	8.2893	
		3	0.8192	0.8143	0.7556	0.7475	7.7637	8.2034	
	250	1	0.8192	0.8143	0.7694	0.7654	6.0791	6.0052	6.1299
		2	0.8192	0.8143	0.7682	0.7634	6.2256	6.2508	
		3	0.8192	0.8143	0.7690	0.7647	6.1279	6.0911	
Bahan tepung	500	1	0.8192	0.8143	0.7643	0.7604	6.7017	6.6192	6.6053
		2	0.8192	0.8143	0.7641	0.7610	6.7261	6.5455	
		3	0.8192	0.8143	0.7657	0.7613	6.5308	6.5087	
	250	1	0.8192	0.8143	0.7798	0.7709	4.8096	5.3297	5.0877
		2	0.8192	0.8143	0.7786	0.7718	4.9561	5.2192	
		3	0.8192	0.8143	0.7778	0.7723	5.0537	5.1578	
Ekstrak etanol	500	1	0.8352	0.8190	0.7117	0.6996	14.7869	14.5788	14.6825
		2	0.8352	0.8190	0.7119	0.6998	14.7629	14.5543	
		3	0.8352	0.8190	0.7108	0.7001	14.8946	14.5177	
	250	1	0.8352	0.8190	0.7490	0.7313	10.3209	10.7082	10.5684
		2	0.8352	0.8190	0.7478	0.7309	10.4646	10.7570	
		3	0.8352	0.8190	0.7476	0.7316	10.4885	10.6716	
Ekstrak hexane	500	1	0.8352	0.8190	0.7068	0.6930	15.3736	15.3846	15.4155
		2	0.8352	0.8190	0.7036	0.6969	15.7567	14.9084	
		3	0.8352	0.8190	0.7044	0.6928	15.6609	15.4090	
	250	1	0.8352	0.8190	0.7233	0.7101	13.3980	13.2967	13.4303
		2	0.8352	0.8190	0.7228	0.7090	13.4579	13.4310	
		3	0.8352	0.8190	0.7225	0.7084	13.4938	13.5043	
Fraksi hexane	500	1	0.8352	0.8190	0.5854	0.5787	29.9090	29.3407	29.8702
		2	0.8352	0.8190	0.5855	0.5742	29.8970	29.8901	
		3	0.8352	0.8190	0.5831	0.5733	30.1844	30.0000	
	250	1	0.8352	0.8190	0.5985	0.5859	28.3405	28.4615	28.3411
		2	0.8352	0.8190	0.5964	0.5908	28.5920	27.8632	
		3	0.8352	0.8190	0.5982	0.5863	28.3764	28.4127	
Fraksi etil asetat	500	1	0.8098	0.8058	0.5675	0.5594	29.9210	30.5783	30.6226
		2	0.8098	0.8058	0.5608	0.5548	30.7483	31.1492	
		3	0.8098	0.8058	0.5609	0.5592	30.7360	30.6031	
	250	1	0.8098	0.8058	0.5678	0.5645	29.8839	29.9454	29.9395
		2	0.8098	0.8058	0.5680	0.5658	29.8592	29.7841	
		3	0.8098	0.8058	0.5675	0.5621	29.9210	30.2432	
Fraksi butanol	500	1	0.8098	0.8058	0.5470	0.5414	32.4525	32.8121	32.6325
		2	0.8098	0.8058	0.5486	0.5404	32.2549	32.9362	
		3	0.8098	0.8058	0.5479	0.5399	32.3413	32.9983	
	250	1	0.8098	0.8058	0.5671	0.5570	29.9704	30.8761	30.5507
		2	0.8098	0.8058	0.5637	0.5580	30.3902	30.7520	
		3	0.8098	0.8058	0.5632	0.5571	30.4520	30.8637	
Fraksi air	500	1	0.8098	0.8058	0.5660	0.5625	30.1062	30.1936	30.1644
		2	0.8098	0.8058	0.5670	0.5623	29.9827	30.2184	
		3	0.8098	0.8058	0.5654	0.5616	30.1803	30.3053	
	250	1	0.8098	0.8058	0.5718	0.5679	29.3900	29.5235	29.5434
		2	0.8098	0.8058	0.5706	0.5652	29.5382	29.8585	
		3	0.8098	0.8058	0.5710	0.5684	29.4888	29.4614	

Lampiran 6. Tabel Hasil Pengukuran Asam Sianida Biji Koro Glinding

Sampel	Ulangan	Absorbansi	Konsentrasi Asam Sianida (ppm)	Rata-rata Asam Sianida (ppm)
Biji segar	1	0.0721	3.1911	3.2644
	2	0.0747	3.2625	
	3	0.0786	3.365	
	4	0.073	3.2161	
	5	0.0714	3.1714	
	6	0.0792	3.3803	

Lampiran 7. Tabel Hasil Penelitian Kandungan Asam Fitat Biji Koro Glinding

Sampel	Ulangan	Absorbansi		Berat Asam Fitat (mg)		% Asam Fitat		% Asam Fitat
		Batch 1	Batch 2	Batch 1	Batch 2	Batch 1	Batch 2	
Biji segar	1	0.0237	0.0245	171.8706	179.4174	8.5935	8.9709	8.3498
	2	0.0218	0.0239	153.9467	173.7573	7.6973	8.6879	
	3	0.0240	0.0212	174.7006	148.2866	8.7350	7.4143	
Bahan tepung	1	0.0222	0.0230	157.7202	165.2670	7.8860	8.2634	7.6659
	2	0.0211	0.0215	147.3432	151.1167	7.3672	7.5558	
	3	0.0216	0.0210	152.0600	146.3999	7.6030	7.3200	
Ekstrak etanol	1	0.0245	0.0261	179.4174	194.5112	8.9709	9.7256	9.1910
	2	0.0255	0.0240	188.8510	174.7006	9.4426	8.7350	
	3	0.0251	0.0246	185.0776	180.3608	9.2539	9.0180	
Ekstrak hexane	1	0.0494	0.0457	414.3138	379.4095	20.7157	18.9705	19.6701
	2	0.0472	0.0466	393.5599	387.8997	19.6780	19.3950	
	3	0.0475	0.0467	396.3900	388.8431	19.8195	19.4422	
Fraksi hexane	1	0.0498	0.0537	418.0872	454.8782	20.9044	22.7439	21.7848
	2	0.0516	0.0504	435.0677	423.7474	21.7534	21.1874	
	3	0.0519	0.0526	437.8978	444.5013	21.8949	22.2251	
Fraksi etil asetat	1	0.0344	0.0360	272.8100	287.9037	13.6405	14.3952	13.9707
	2	0.0336	0.0358	265.2631	286.0170	13.2632	14.3008	
	3	0.0366	0.0342	293.5638	270.9232	14.6782	13.5462	
Fraksi butanol	1	0.0140	0.0148	80.3647	87.9116	4.0182	4.3956	4.1912
	2	0.0135	0.0141	75.6479	81.3081	3.7824	4.0654	
	3	0.0146	0.0152	86.0249	91.6850	4.3012	4.5843	
Fraksi air	1	0.0193	0.0205	130.3628	141.6831	6.5181	7.0842	7.2257
	2	0.0212	0.0211	148.2866	147.3432	7.4143	7.3672	
	3	0.0228	0.0199	163.3803	136.0229	8.1690	6.8011	

