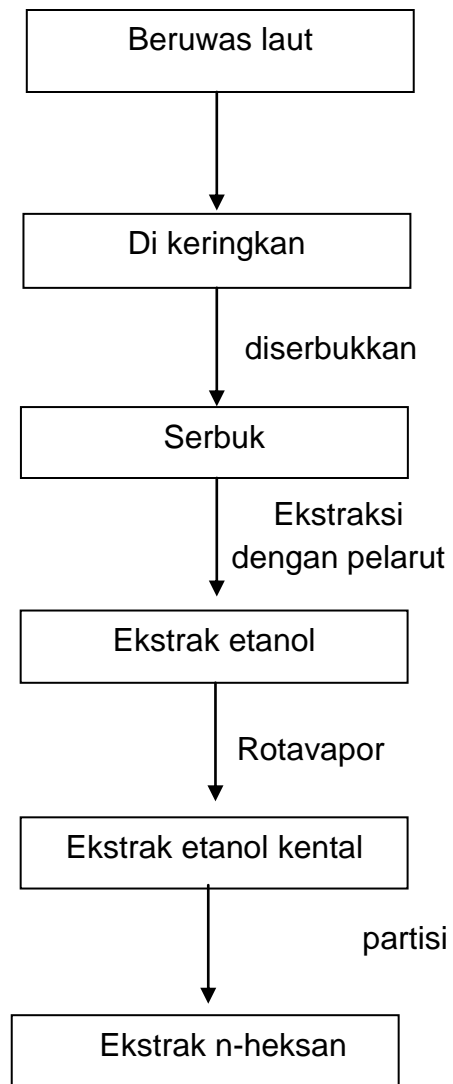


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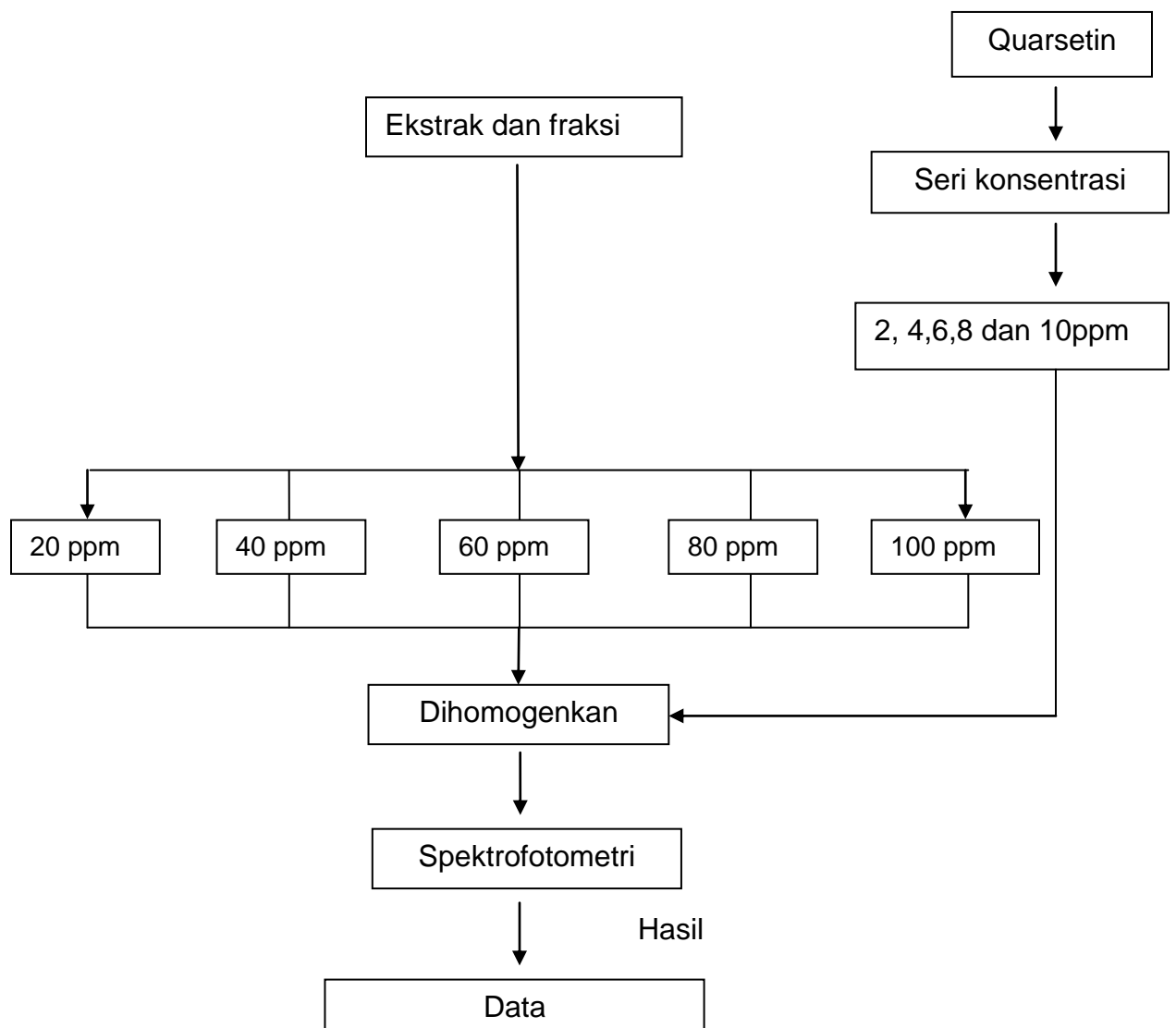
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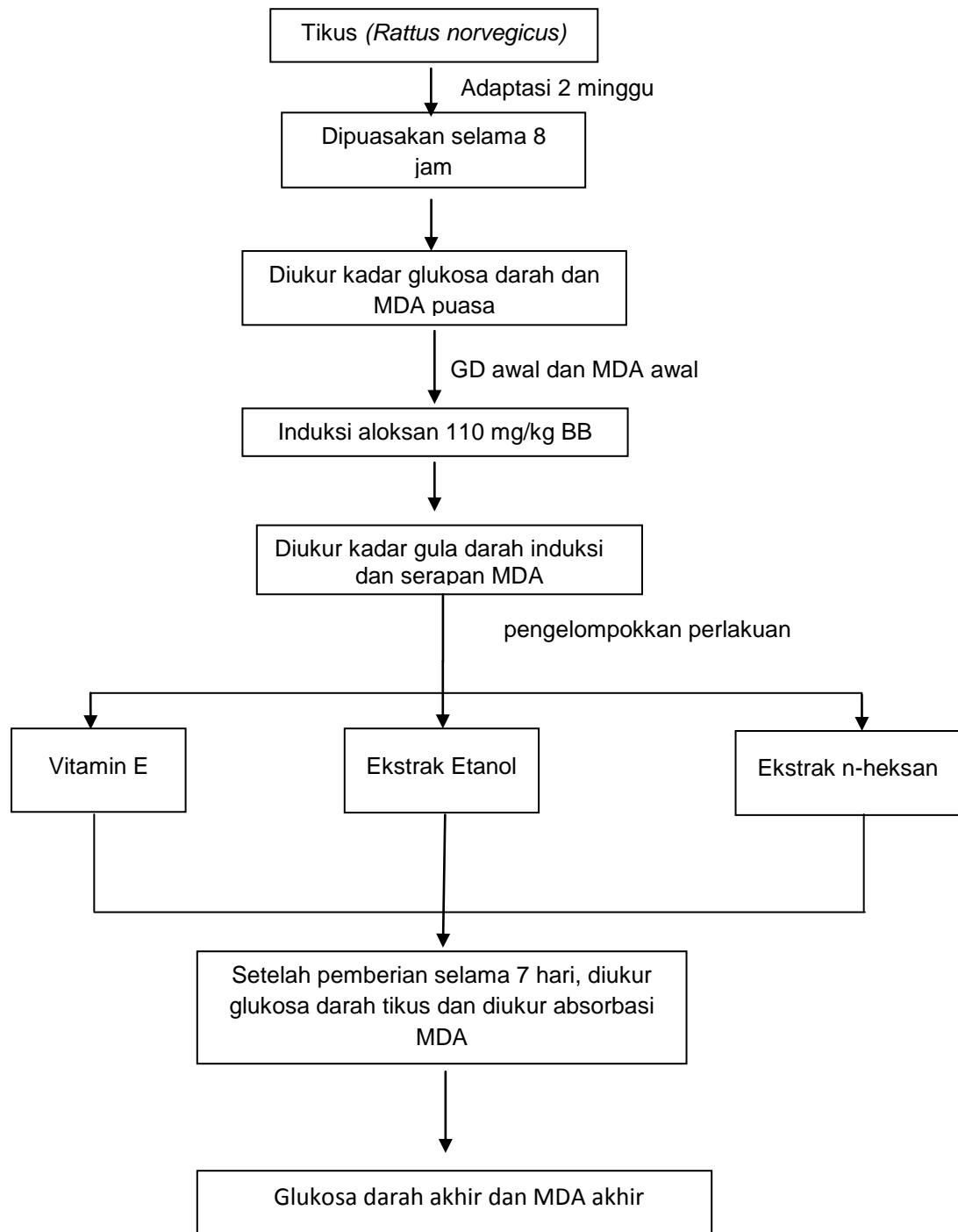
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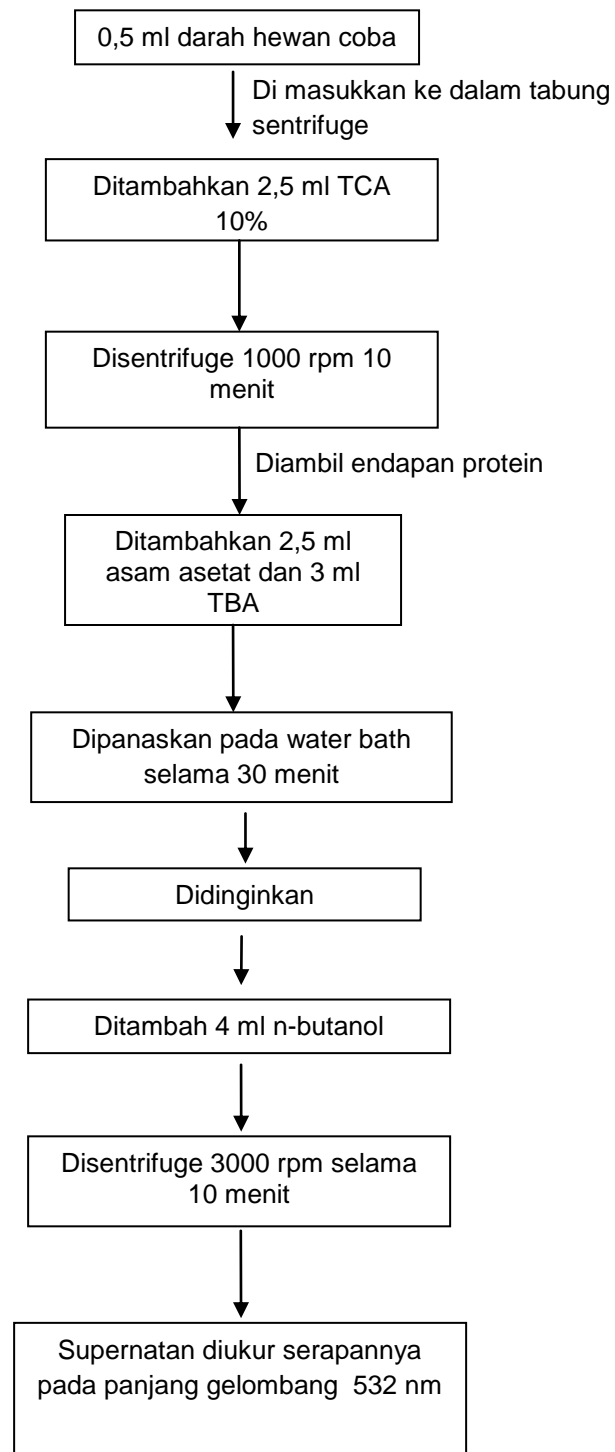
Gambar 2. Skema kerja ekstraksi dan partisi daun beruwasi laut



Gambar 3. Skema kerja pengukuran DPPH



Gambar 4. Skema kerja pengukuran glukosa darah dan MDA

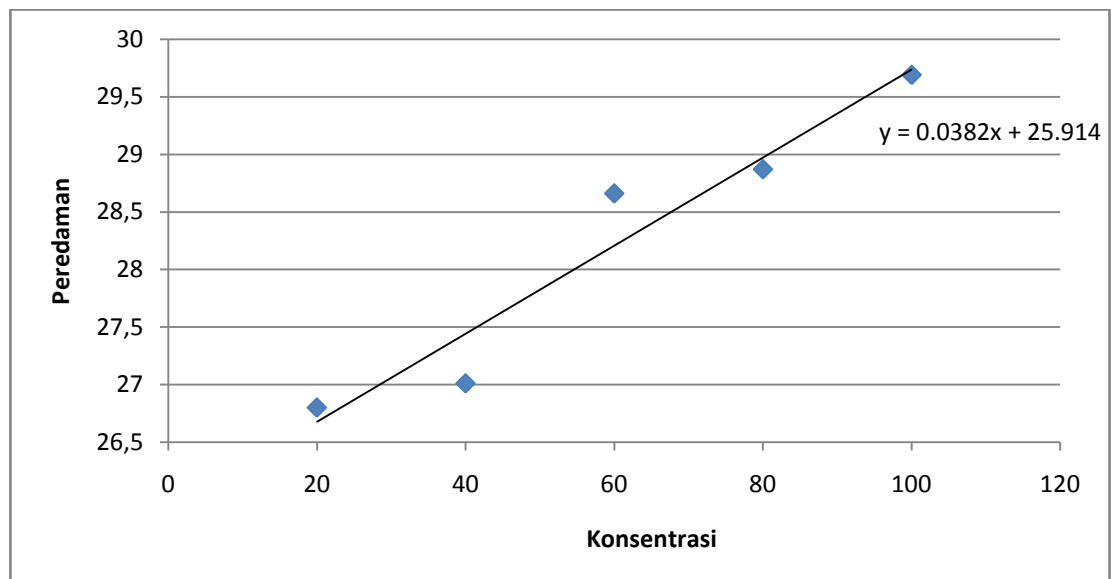


Gambar 5. Skema kerja Analisis MDA

Tabel 4. Peredaman Radikal bebas oleh ekstrak etanol daun Beruwas laut (*Scaevola taccada* (Gaertn.) Roxb)

Konsentrasi ekstrak (ppm)	Serapan	Nilai Peredaman (%)
20	0.355	26.80
40	0.354	27.01
60	0.346	28.66
80	0.345	28.87
100	0.341	29.69

Serapan DPPH = 0.485



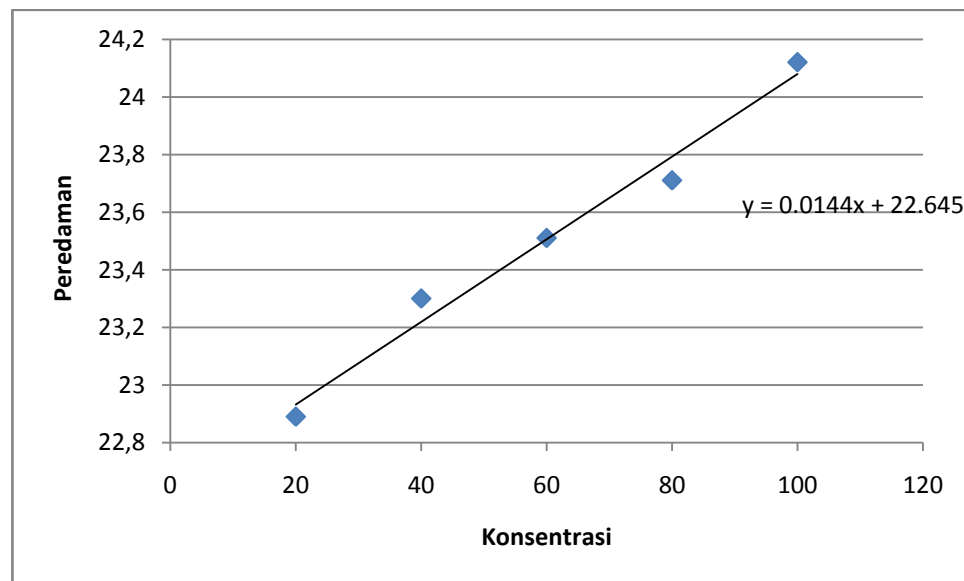
Gambar 6. Garis hubungan konsentrasi DPPH dengan nilai peredaman radikal bebas ekstrak etanol daun Beruwas laut (*Scaevola taccada* (Gaertn.) Roxb)



Tabel 5. Peredaman Radikal bebas oleh ekstrak n-heksan daun Beruwas laut (*Scaevola taccada* (Gaertn.) Roxb)

Konsentrasi ekstrak (ppm)	Serapan	Nilai Peredaman (%)
20	0.374	22.89
40	0.372	23.30
60	0.371	23.51
80	0.370	23.71
100	0.368	24.12

Serapan DPPH = 0.485

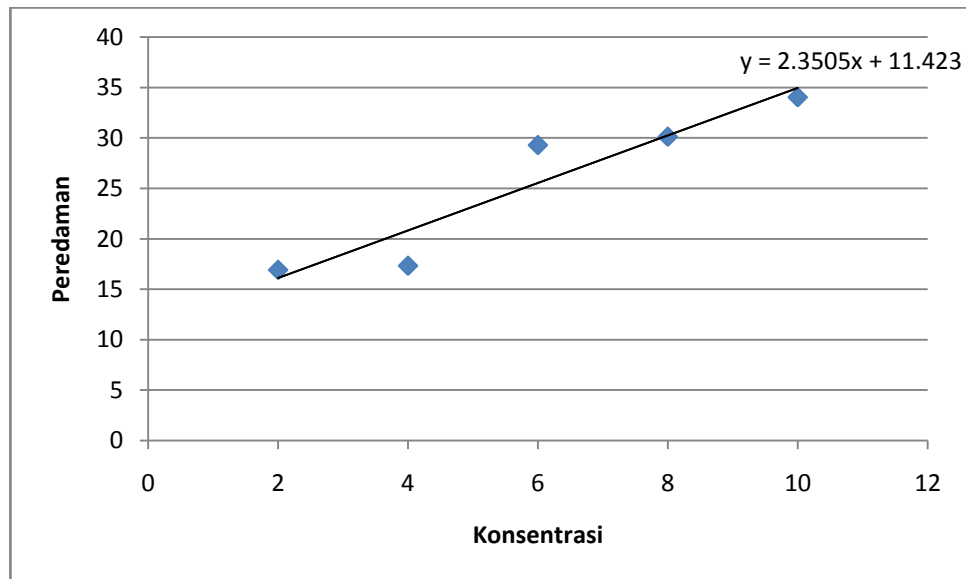


Gambar 7. Garis hubungan konsentrasi DPPH dengan nilai peredaman radikal bebas ekstrak n-heksan daun Beruwas laut (*Scaevola taccada* (Gaertn.) Roxb)

Tabel 6. Hasil serapan dan besarnya peredaman radikal bebas Quarsetin

Konsentrasi ekstrak (ppm)	Serapan	Nilai Peredaman (%)
2	0.403	26.8
4	0.401	27.01
6	0.343	28.66
8	0.339	28.87
1	0.320	29.69

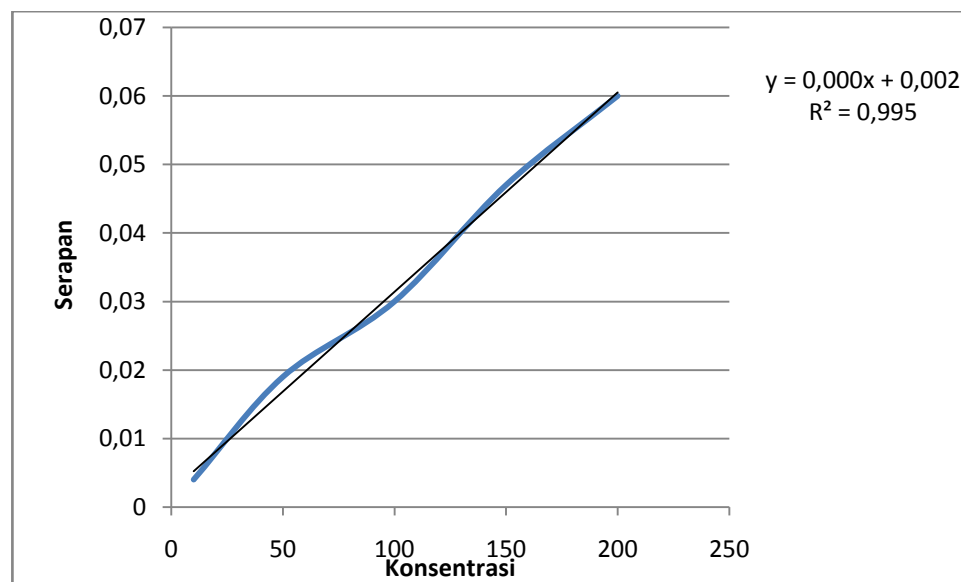
Serapan DPPH = 0.485



Gambar 8. Garis hubungan konsentrasi DPPH dengan nilai peredaman radikal bebas quarsetin

Tabel 7. Nilai serapan dari seri konsentrasi sampel untuk pembuatan kurva baku

Konsentrasi sampel	Serapan
10	0.004
50	0.019
100	0.030
150	0.047
200	0.060



Gambar 9. Kurva baku Malondialdehid

Tabel 8. Uji Distribusi Data

	kelompok	Kolmogorov-Smirnov <sup>a</sup>			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
awal	vit E	.192	4	.	.971	4	.850
	etanol 5%	.265	5	.200*	.927	5	.574
	heksan 5%	.249	5	.200*	.946	5	.706
akhir	vit E	.171	4	.	.994	4	.976
	etanol 5%	.375	5	.021	.818	5	.113
	heksan 5%	.231	5	.200*	.881	5	.313

Tabel 9. Uji t berpasangan

		<i>Paired Differences</i>				t	df	Sig. (2-tailed)
		Mean	Std. Deviation	Std. Error Mean	95% Confidence Interval of the Difference Lower Upper			
Pair 1	awal - akhir	24.809	142.292	38.0292	-57.347 106.966	.652	13	.526

Tabel 10. Hasil Pengujian dengan menggunakan metode ANOVA

	Sum of Squares	df	Mean Square	F	Sig.
Antar kelompok	47480.619	2	23740.310	37.441	.000
Dalam kelompok	7608.918	12	634.077		
Total	55089.537	14			

Tabel 11. Uji lanjutan dengan metode Post Hoc

(I) kelompok	(J) kelompok	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
vit E	etanol 5%	-11.746	15.925	.475	-46.445	22.953
	heksan 5%	113.041*	15.925	.000	78.342	147.740
etanol 5%	vit E	11.7462	15.925	.475	-22.953	46.445
	heksan 5%	124.787*	15.925	.000	90.088	159.487
heksan 5%	vit E	-113.041*	15.925	.000	-147.740	-78.342
	etanol 5%	-124.787*	15.925	.000	-159.48	-90.088

\*. Signifikan pada 0.05



Gambar 10. Foto Daun beruwas laut (*Scaevola taccada* (Gaertn.) Roxb.)



Gambar 11. Foto Alat Spektrofometer