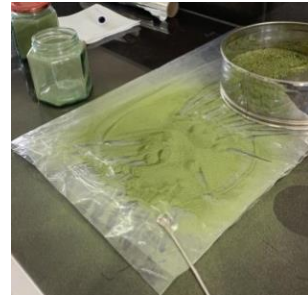




Gambar 1. Daun Kayu Santen Segar



Gambar 2. Daun Kayu Santen Kering



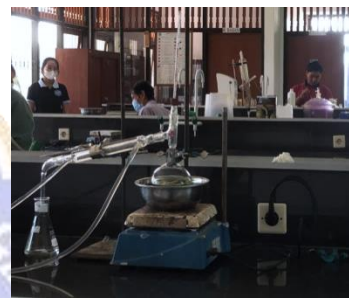
Gambar 3. Bubuk Kasar Daun Kayu Santen



Gambar 4. Maserasi Simplisia Daun Kayu Santen



Gambar 5. Soxhletasi Simplisia Daun Kayu Santen



Gambar 6. Penguapan Pelarut Dengan Destilasi



Gambar 7. Hasil fraksinasi ekstrak yang diisolasi dengan metode maserasi



Gambar 8. Hasil fraksinasi ekstrak yang diisolasi dengan metode Soxhletasi

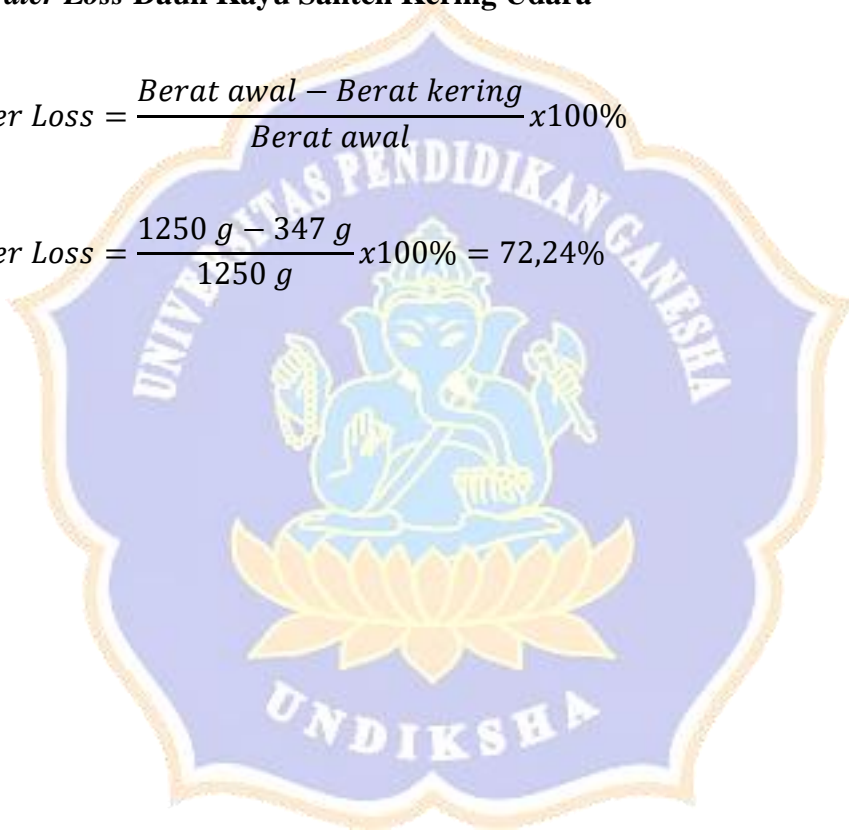
Lampiran 2. Perhitungan *Water Loss* Daun Kayu Santen (*Lannea Coromandelica* Merr.)

Sampel	Berat Awal (g)	Berat Kering (g)	Water Loss (%)
Daun Kayu Santen Kering Udara	1250	347	72,24

Nilai *Water Loss* Daun Kayu Santen Kering Udara

$$\%Water Loss = \frac{Berat awal - Berat kering}{Berat awal} \times 100\%$$

$$\%Water Loss = \frac{1250 g - 347 g}{1250 g} \times 100\% = 72,24\%$$



Lampiran 3. Hasil T-test Ekstrak Etanol Daun Kayu Santen (*Lannea Coromandelica Merr.*) Yang Diisolasi Dengan Metode Maserasi Dan Soxhletasi

Group Statistics

	metode	N	Mean	Std. Deviation	Std. Error Mean
berat sampel kering	maserasi	3	2.5662	.42855	.24742
	soxhletasi	3	2.0169	.61030	.35236

Independent Samples Test

		Levene's Test for Equality of Variances		t-test for Equality of Means						
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	95% Confidence Interval of the Difference	
									Lower	Upper
berat sampel kering	Equal variances assumed	.145	.722	1.276	4	.271	.54923	.43055	-.64617	1.74464
	Equal variances not assumed			1.276	3.587	.278	.54923	.43055	-.70253	1.80099



Lampiran 4. Skrining Fitokimia



Gambar 9. Uji Flavonoid sampel M



Gambar 10. Uji Flavonoid sampel S



Gambar 11. Uji Tanin sampel M



Gambar 12. Uji Tanin sampel S



Gambar 13. Uji Saponin sampel M



Gambar 14. Uji Saponin sampel S



Gambar 15. Uji Alkaloid sampel M



Gambar 16. Uji Alkaloid sampel S



Gambar 17. Uji Steroid dan Terpenoid sampel M



Gambar 18. Uji Steroid dan Terpenoid sampel S



Gambar 19. Uji Flavonoid fraksi n-heksana, diklorometana, etil asetat, dan etanol-air sampel M



Gambar 20. Uji Flavonoid fraksi n-heksana, diklorometana, etil asetat, dan etanol-air sampel S



Gambar 21. Uji tannin fraksi n-heksana, diklorometana, etil asetat, dan etanol-air sampel M



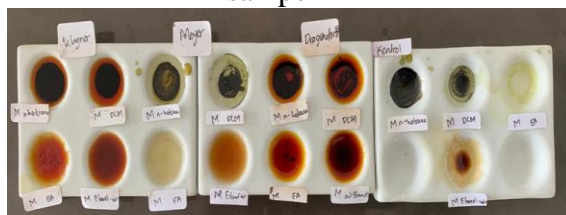
Gambar 22. Uji tannin fraksi n-heksana, diklorometana, etil asetat, dan etanol-air sampel S



Gambar 23. Uji saponin fraksi n-heksana, diklorometana, etil asetat, dan etanol-air sampel M



Gambar 24. Uji saponin fraksi n-heksana, diklorometana, etil asetat, dan etanol-air sampel S



Gambar 25. Uji alkaloid fraksi n-heksana, diklorometana, etil asetat, dan etanol-air sampel M



Gambar 26. Uji alkaloid fraksi n-heksana, diklorometana, etil asetat, dan etanol-air sampel S

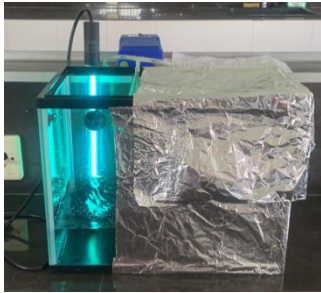


Gambar 27. Uji steroid dan terpenoid fraksi n-heksana, diklorometana, etil asetat, dan etanol-air sampel M

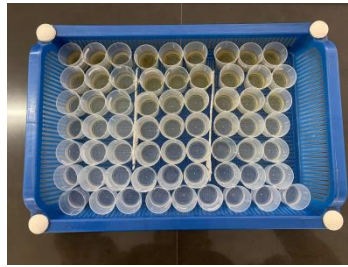
Gambar 28. Uji steroid dan terpenoid fraksi n-heksana, diklorometana, etil asetat, dan etanol-air sampel S



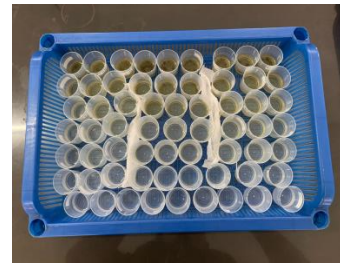
Lampiran 5. Uji Toksisitas Dengan Metode BSLT



Gambar 29. Penetasan
Telur Udang



Gambar 30. Uji BSLT
Ekstrak Maserasi



Gambar 31. Uji BSLT
Ekstrak Soxhletasi

Perhitungan Aktvitas Toksisitas BSLT

1. Pembuatan Larutan Induk 1000 ppm Ekstrak Etanol Daun Kayu Santen yang Diisolasi Dengan Metode Maserasi dan Soxhletasi

Untuk membuat larutan induk ekstrak etanol daun kayu santen dengan konsentrasi 1000 ppm maka sebanyak 0,025 gram ekstrak daun kayu santen ditimbang, dan dilarutkan dengan dengan DMSO sebanyak 2 mL. Selanjutnya dimasukkan ke dalam labu ukur 25 mL dan ditambahkan air laut hingga volumenya mencapai tanda batas. 1 ppm setara dengan 1µg/mL maka,

$$1000 \text{ ppm} = \frac{1000 \text{ mg}}{1000 \text{ mL}} = \frac{0,025 \text{ g}}{25 \text{ mL}}$$

2. Pembuatan Larutan Seri Ekstrak Etanol Daun Kayu Santen yang Diisolasi Dengan Metode Maserasi dan Soxhletasi

$$M1 \cdot V1 = M2 \cdot V2$$

Konsentrasi 200 ppm

$$M1 \cdot V1 = M2 \cdot V2$$

$$1000 \cdot V1 = 200 \cdot 25$$

$$V1 = \frac{200 \cdot 25}{1000} = 5 \text{ mL}$$

Dilakukan perhitungan yang sama seperti cara diatas pada ekstrak etanol daun kayu santen, masing-masing pada konsentrasi 2; 5; 10; 20; 50; 100 dan 200 ppm. Hasil perhitungan disajikan dalam tabel berikut:

M1 (ppm)	M2 (ppm)	V2(mL)	V1(mL)
5	2	25	10
10	5	25	12,5
20	10	25	12,5
50	20	25	10
100	50	25	12,5
200	100	25	12,5
1000	200	25	5

Keterangan : M (Maserasi) dan S (Soxhletasi)

Jumlah yang dipipet dari larutan induk menggunakan mikropipet yaitu 5; 12,5; 25; 50; 250; 500 μ L.

Keterangan:

M1 = Konsentrasi larutan induk ekstrak etanol Kayu Santen

M2 = Konsentrasi larutan seri ekstrak etanol daun Kayu Santen

V1 = Volume larutan induk yang diambil

V2 = volume pengenceran

3. Perhitungan % Mortalitas Larva Udang *Artemia Salina Leach*

- **Ekstrak Etanol Daun Kayu Santen Yang Diisolasi Dengan Metode Maserasi**

Konsentrasi 100 ppm pada sampel M1

$$\% \text{ Mortalitas} = \frac{29}{30} \times 100\% = 96,66\%$$

Dilakukan perhitungan yang sama seperti cara diatas pada ekstrak etanol daun kayu santen yang diisolasi dengan metode maserasi. Hasil

perhitungan % mortalitas disajikan dalam tabel berikut:

Ekstrak	Konsentrasi (ppm)	Log konsentrasi	Nilai probit	%Mortalitas
M1	1	0	3,12	3,33
	2,5	0,39	5,18	56,64
	5	0,69	5,61	73,33
	10	1	6,28	90
	25	1,39	6,28	90
	50	1,69	6,88	96,66
	100	2	6,88	96,66
M2	1	0	3,72	10
	2,5	0,39	5	50
	5	0,69	5,33	63,33
	10	1	5,61	73,33
	25	1,39	5,95	83,33
	50	1,69	6,28	90
	100	2	6,48	93,33
M3	1	0	3,87	13,33
	2,5	0,39	4,92	46,66
	5	0,69	5,44	66,66
	10	1	5,52	70
	25	1,39	5,74	76,66
	50	1,69	6,13	86,66
	100	2	7,33	100
Kontrol	0	-	-	-

Keterangan : M (Maserasi) dan S (Soxhletasi)

- **Ekstrak Etanol Daun Kayu Santen Yang Diisolasi Dengan Metode Soxhletasi**

Konsentrasi 100 ppm pada sampel S1

$$\% \text{Mortalitas} = \frac{30}{30} \times 100\% = 100\%$$

Dilakukan perhitungan yang sama seperti cara diatas pada ekstrak etanol

daun kayu santen yang diisolasi dengan metode maserasi.

Hasil perhitungan % mortalitas disajikan dalam tabel berikut:

Ekstrak	Konsentrasi (ppm)	Log konsentrasi	Nilai probit	%Mortalitas
S1	1	0	3,72	10
	2,5	0,39	5,08	53,33
	5	0,69	5,61	73,33
	10	1	6,13	86,66
	25	1,39	6,48	93,33
	50	1,69	7,33	100
	100	2	7,33	100
S2	1	0	3,72	10
	2,5	0,39	4,92	46,66
	5	0,69	5,25	60
	10	1	5,74	76,66
	25	1,39	5,95	83,33
	50	1,69	7,33	100
	100	2	7,33	100
S3	1	0	3,12	3,33
	2,5	0,39	5	50
	5	0,69	5,33	63,33
	10	1	5,52	70
	25	1,39	5,74	76,66
	50	1,69	6,28	90
	100	2	6,48	93,33
Kontrol	0	-	-	-

Keterangan : M (Maserasi) dan S (Soxhletasi)

- **Fraksi Daun Kayu Santen Yang Diisolasi Dengan Metode Maserasi**

Konsentrasi 100 ppm pada sampel maserasi fraksi n-heksana

$$\% \text{Mortalitas} = \frac{28}{30} \times 100\% = 93,33\%$$

Dilakukan perhitungan yang sama seperti cara diatas pada ekstrak etanol daun kayu santen yang diisolasi dengan metode maserasi.

Hasil perhitungan % mortalitas disajikan dalam tabel berikut:

Ekstrak	Konsentrasi (ppm)	Log konsentrasi	Nilai probit	%Mortalitas
Fraksi n-heksana	1	0	3,72	10
	2,5	0,39	4,56	33,33
	5	0,69	5	50
	10	1	4,82	43,33
	25	1,39	5,84	80
	50	1,69	7,33	100
	100	2	6,48	93,33
Fraksi Diklorometana	1	0	3,52	6,66
	2,5	0,39	3,52	6,66
	5	0,69	5,18	56,66
	10	1	5,33	63,33
	25	1,39	5,95	83,33
	50	1,69	6,28	90
	100	2	6,48	93,33
Fraksi Etil asetat	1	0	3,87	13,33
	2,5	0,39	4,05	16,66
	5	0,69	4,26	23,33
	10	1	4,39	26,66
	25	1,39	4,39	26,66
	50	1,69	4,87	36,66
	100	2	4,92	46,66
Fraksi air-etanol	10	1	3,87	13,33
	25	1,39	3,72	10
	50	1,69	3,87	13,33
	100	2	4,05	16,66
	250	2,39	4,48	30
	500	2,69	4,76	40

Keterangan : M (Maserasi) dan S (Soxhletasi)

- **Fraksi Daun Kayu Santen Yang Diisolasi Dengan Metode Soxhletasi**

Konsentrasi 100 ppm pada sampel Soxhletasi fraksi etil asetat

$$\% \text{Mortalitas} = \frac{21}{30} \times 100\% = 70\%$$

Dilakukan perhitungan yang sama seperti cara diatas pada ekstrak etanol daun kayu santen yang diisolasi dengan metode maserasi.

Hasil perhitungan % mortalitas disajikan dalam tabel berikut:

Ekstrak	Konsentrasi (ppm)	Log konsentrasi	Nilai probit	%Mortalitas
Fraksi n-heksana	1	0	3,72	10
	2,5	0,39	4,26	23,33
	5	0,69	4,67	36,66
	10	1	5,18	56,66
	25	1,39	5,25	60
	50	1,69	4,9	46,66
	100	2	5,2	70
Fraksi Diklorometana	1	0	3,52	6,66
	2,5	0,39	4,26	23,33
	5	0,69	4,82	43,33
	10	1	5,52	70
	25	1,39	5,52	70
	50	1,69	5,95	83,33
	100	2	5,74	76,66
Fraksi Etil aasetat	1	0	3,12	3,33
	2,5	0,39	3,52	6,66
	5	0,69	3,52	6,66
	10	1	3,87	13,33
	25	1,39	4,05	16,66
	50	1,69	4,39	26,66
	100	2	4,92	46,66
Fraksi air-etanol	10	1	3,52	6,66
	25	1,39	3,72	10
	50	1,69	3,72	10
	100	2	4,05	16,66
	500	2,39	4,39	26,66
	500	2,69	4,67	36,66

Keterangan : M (Maserasi) dan S (Soxhletasi)

4. Perhitungan nilai LC₅₀ Ekstrak Etanol Daun Kayu Santen

Perhitungan LC₅₀ Ekstrak etanol dan tiap fraksi dari daun kayu santen yang diisolasi dengan metode maserasi dan Soxhletasi dilakukan menggunakan analisis probit dan regresi linear dengan aplikasi pengolahan data SPSS. Adapun nilai LC₅₀ yang diperoleh sebagai berikut:

- Nilai LC₅₀ sampel M1

Parameter Estimates

Parameter	Estimate	Std. Error	Z	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
PROBIT ^a konsentrasi	1.695	.234	7.258	.000	1.237	2.153
Intercept	-.817	.314	-2.600	.009	-1.131	-.503

Confidence Limits

Probability	Estimate	95% Confidence Limits for konsentrasi		95% Confidence Limits for log(konsentrasi) ^b		
		Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound
PROBIT ^a .010	.129	.000	1.225	-.890	-7.111	.088
.020	.186	.000	1.562	-.730	-6.447	.194
.030	.236	.000	1.829	-.627	-6.027	.262
.040	.281	.000	2.064	-.551	-5.712	.315
.050	.325	.000	2.280	-.488	-5.456	.358
.060	.367	.000	2.484	-.435	-5.239	.395
.070	.409	.000	2.680	-.389	-5.049	.428
.080	.450	.000	2.872	-.347	-4.879	.458
.090	.491	.000	3.060	-.309	-4.725	.486
.100	.532	.000	3.246	-.274	-4.583	.511
.150	.742	.000	4.175	-.129	-4.001	.621
.200	.967	.000	5.155	-.014	-3.542	.712
.250	1.214	.001	6.237	.084	-3.153	.795
.300	1.488	.002	7.471	.173	-2.807	.873
.350	1.798	.003	8.920	.255	-2.491	.950
.400	2.151	.006	10.669	.333	-2.197	1.028
.450	2.558	.012	12.843	.408	-1.917	1.109
.500	3.035	.023	15.637	.482	-1.647	1.194
.550	3.599	.041	19.365	.556	-1.385	1.287
.600	4.281	.074	24.575	.632	-1.128	1.391
.650	5.122	.134	32.286	.709	-.874	1.509
.700	6.187	.239	44.554	.791	-.621	1.649
.750	7.586	.429	66.035	.880	-.368	1.820
.800	9.519	.770	108.938	.979	-.113	2.037
.850	12.403	1.398	212.981	1.094	.146	2.328
.900	17.304	2.611	561.454	1.238	.417	2.749
.910	18.753	2.980	722.908	1.273	.474	2.859

.920	20.465	3.416	958.229	1.311	.533	2.981
.930	22.529	3.937	1316.812	1.353	.595	3.120
.940	25.081	4.572	1895.134	1.399	.660	3.278
.950	28.345	5.365	2900.740	1.452	.730	3.463
.960	32.728	6.395	4843.089	1.515	.806	3.685
.970	39.055	7.812	9239.151	1.592	.893	3.966
.980	49.398	9.972	22286.955	1.694	.999	4.348
.990	71.537	14.098	92784.011	1.855	1.149	4.967

- Nilai LC₅₀ sampel M2

Parameter Estimates

Parameter	Estimate	Std. Error	Z	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
PROBIT ^a konsentrasi	1.250	.222	5.627	.000	.815	1.685
Intercept	-.737	.410	-1.797	.072	-1.147	-.327

Confidence Limits

Probability	95% Confidence Limits for konsentrasi			95% Confidence Limits for log(konsentrasi) ^a		
	Estimate	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound
PROBIT .010	.053	.001	.330	-1.272	-2.848	-.481
.020	.088	.003	.484	-1.054	-2.517	-.315
.030	.122	.005	.618	-.915	-2.308	-.209
.040	.154	.007	.742	-.811	-2.151	-.129
.050	.188	.009	.862	-.727	-2.023	-.064
.060	.222	.012	.980	-.654	-1.915	-.009
.070	.256	.015	1.096	-.591	-1.820	.040
.080	.292	.018	1.212	-.535	-1.735	.084
.090	.329	.022	1.329	-.483	-1.658	.124
.100	.367	.026	1.446	-.436	-1.587	.160
.150	.576	.051	2.057	-.240	-1.293	.313
.200	.824	.087	2.728	-.084	-1.061	.436
.250	1.122	.137	3.484	.050	-.863	.542
.300	1.479	.206	4.348	.170	-.686	.638
.350	1.911	.300	5.349	.281	-.522	.728
.400	2.437	.428	6.527	.387	-.368	.815
.450	3.083	.602	7.931	.489	-.221	.899

.500	3.886	.839	9.634	.590	-.076	.984
.550	4.898	1.166	11.740	.690	.067	1.070
.600	6.197	1.623	14.407	.792	.210	1.159
.650	7.903	2.274	17.889	.898	.357	1.253
.700	10.211	3.223	22.614	1.009	.508	1.354
.750	13.463	4.656	29.374	1.129	.668	1.468
.800	18.317	6.925	39.799	1.263	.840	1.600
.850	26.226	10.791	57.813	1.419	1.033	1.762
.900	41.194	18.237	95.610	1.615	1.261	1.981
.910	45.942	20.582	108.588	1.662	1.313	2.036
.920	51.721	23.414	125.005	1.714	1.369	2.097
.930	58.917	26.899	146.369	1.770	1.430	2.165
.940	68.145	31.298	175.193	1.833	1.496	2.244
.950	80.446	37.037	215.992	1.906	1.569	2.334
.960	97.764	44.891	277.744	1.990	1.652	2.444
.970	124.244	56.449	381.145	2.094	1.752	2.581
.980	170.865	75.720	586.816	2.233	1.879	2.769
.990	282.327	117.927	1181.777	2.451	2.072	3.073

a. Logarithm base = 10.

- Nilai LC₅₀ sampel M3

Parameter Estimates

Parameter	Estimate	Std. Error	Z	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
PROBIT ^a konsentrasi	1.258	.266	4.737	.000	.738	1.779
Intercept	-.755	.498	-1.516	.129	-1.253	-.257

Confidence Limits

Probability	95% Confidence Limits for konsentrasi			95% Confidence Limits for log(konsentrasi) ^a		
	Estimate	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound
PROBIT .010	.056	.000	.453	-1.249	-3.369	-.343
.020	.093	.001	.651	-1.032	-3.003	-.187
.030	.127	.002	.819	-.895	-2.771	-.087
.040	.162	.003	.974	-.792	-2.596	-.012
.050	.196	.004	1.121	-.707	-2.455	.050

.060	.231	.005	1.265	-.636	-2.334	.102
.070	.267	.006	1.406	-.573	-2.228	.148
.080	.304	.007	1.545	-.517	-2.134	.189
.090	.342	.009	1.685	-.466	-2.048	.227
.100	.381	.011	1.824	-.419	-1.969	.261
.150	.597	.023	2.541	-.224	-1.643	.405
.200	.853	.041	3.312	-.069	-1.384	.520
.250	1.158	.069	4.165	.064	-1.163	.620
.300	1.525	.108	5.125	.183	-.966	.710
.350	1.967	.165	6.222	.294	-.783	.794
.400	2.504	.245	7.492	.399	-.611	.875
.450	3.163	.359	8.986	.500	-.445	.954
.500	3.981	.522	10.771	.600	-.282	1.032
.550	5.010	.757	12.947	.700	-.121	1.112
.600	6.329	1.099	15.662	.801	.041	1.195
.650	8.059	1.610	19.152	.906	.207	1.282
.700	10.395	2.393	23.818	1.017	.379	1.377
.750	13.681	3.637	30.401	1.136	.561	1.483
.800	18.576	5.721	40.437	1.269	.757	1.607
.850	26.534	9.478	57.704	1.424	.977	1.761
.900	41.557	17.107	94.380	1.619	1.233	1.975
.910	46.313	19.564	107.191	1.666	1.291	2.030
.920	52.098	22.546	123.568	1.717	1.353	2.092
.930	59.297	26.230	145.153	1.773	1.419	2.162
.940	68.520	30.883	174.737	1.836	1.490	2.242
.950	80.801	36.946	217.428	1.907	1.568	2.337
.960	98.070	45.201	283.611	1.992	1.655	2.453
.970	124.439	57.238	397.872	2.095	1.758	2.600
.980	170.777	77.016	634.713	2.232	1.887	2.803
.990	281.260	119.334	1365.372	2.449	2.077	3.135

a. Logarithm base = 10.

- **Nilai LC₅₀ sampel S1**

Parameter Estimates						
Parameter	Estimate	Std. Error	Z	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
PROBIT ^a konsentrasi	2.064	.363	5.681	.000	1.352	2.776

Intercept	-.949	.420	-2.259	.024	-1.369	-.529
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Confidence Limits

Probability	95% Confidence Limits for konsentrasi			95% Confidence Limits for log(konsentrasi) ^a		
	Estimate	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound
PROBIT .010	.215	.026	.623	-.667	-1.580	-.206
.020	.291	.042	.786	-.535	-1.381	-.105
.030	.354	.056	.911	-.452	-1.255	-.041
.040	.409	.069	1.018	-.389	-1.161	.008
.050	.460	.082	1.116	-.337	-1.084	.048
.060	.509	.096	1.206	-.294	-1.018	.081
.070	.555	.109	1.291	-.255	-.961	.111
.080	.601	.123	1.372	-.221	-.910	.138
.090	.646	.137	1.451	-.190	-.863	.162
.100	.690	.151	1.528	-.161	-.821	.184
.150	.907	.227	1.893	-.042	-.644	.277
.200	1.127	.313	2.249	.052	-.504	.352
.250	1.358	.412	2.610	.133	-.385	.417
.300	1.606	.526	2.988	.206	-.279	.475
.350	1.875	.659	3.391	.273	-.181	.530
.400	2.173	.816	3.830	.337	-.089	.583
.450	2.506	1.000	4.316	.399	.000	.635
.500	2.883	1.220	4.863	.460	.086	.687
.550	3.317	1.486	5.491	.521	.172	.740
.600	3.824	1.810	6.229	.583	.258	.794
.650	4.431	2.212	7.121	.647	.345	.853
.700	5.175	2.720	8.234	.714	.435	.916
.750	6.119	3.382	9.688	.787	.529	.986
.800	7.373	4.273	11.709	.868	.631	1.069
.850	9.163	5.542	14.787	.962	.744	1.170
.900	12.045	7.529	20.251	1.081	.877	1.306
.910	12.868	8.080	21.925	1.110	.907	1.341
.920	13.825	8.711	23.935	1.141	.940	1.379
.930	14.960	9.445	26.403	1.175	.975	1.422
.940	16.339	10.319	29.521	1.213	1.014	1.470
.950	18.066	11.388	33.608	1.257	1.056	1.526
.960	20.331	12.747	39.255	1.308	1.105	1.594
.970	23.507	14.585	47.700	1.371	1.164	1.679
.980	28.511	17.347	62.156	1.455	1.239	1.793
.990	38.646	22.566	95.312	1.587	1.353	1.979

a. Logarithm base = 10.

- Nilai LC₅₀ sampel S2

Parameter Estimates

Parameter	Estimate	Std. Error	Z	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
PROBIT ^a konsentrasi	1.722	.334	5.154	.000	1.067	2.376
Intercept	-1.006	.481	-2.093	.036	-1.487	-.526

Confidence Limits

Probability	95% Confidence Limits for konsentrasi			95% Confidence Limits for log(konsentrasi) ^a		
	Estimate	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound
PROBIT .010	.171	.008	.688	-.767	-2.073	-.163
.020	.246	.015	.901	-.608	-1.820	-.045
.030	.311	.022	1.070	-.508	-1.660	.029
.040	.370	.029	1.218	-.432	-1.539	.085
.050	.426	.036	1.353	-.371	-1.441	.131
.060	.480	.044	1.481	-.319	-1.358	.170
.070	.534	.052	1.602	-.273	-1.285	.205
.080	.587	.060	1.720	-.232	-1.220	.236
.090	.639	.069	1.835	-.194	-1.161	.264
.100	.692	.078	1.948	-.160	-1.106	.290
.150	.961	.132	2.495	-.017	-.881	.397
.200	1.246	.198	3.042	.096	-.702	.483
.250	1.559	.282	3.612	.193	-.550	.558
.300	1.905	.386	4.218	.280	-.414	.625
.350	2.294	.516	4.878	.361	-.288	.688
.400	2.737	.678	5.606	.437	-.169	.749
.450	3.247	.881	6.425	.511	-.055	.808
.500	3.841	1.140	7.361	.584	.057	.867
.550	4.544	1.470	8.451	.657	.167	.927
.600	5.390	1.900	9.752	.732	.279	.989
.650	6.431	2.467	11.347	.808	.392	1.055
.700	7.745	3.233	13.375	.889	.510	1.126
.750	9.467	4.299	16.083	.976	.633	1.206
.800	11.838	5.842	19.957	1.073	.767	1.300

.850	15.362	8.210	26.112	1.186	.914	1.417
.900	21.321	12.210	37.790	1.329	1.087	1.577
.910	23.077	13.363	41.551	1.363	1.126	1.619
.920	25.150	14.703	46.175	1.401	1.167	1.664
.930	27.645	16.286	52.004	1.442	1.212	1.716
.940	30.725	18.194	59.591	1.487	1.260	1.775
.950	34.658	20.561	69.888	1.540	1.313	1.844
.960	39.928	23.617	84.711	1.601	1.373	1.928
.970	47.517	27.820	108.016	1.677	1.444	2.033
.980	59.882	34.268	150.602	1.777	1.535	2.178
.990	86.223	46.834	258.436	1.936	1.671	2.412

a. Logarithm base = 10.

• **Nilai LC₅₀ sampel S3**

Parameter Estimates						
Parameter	Estimate	Std. Error	Z	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
PROBIT ^a konsentrasi	1.279	.205	6.237	.000	.877	1.680
Intercept	-.850	.375	-2.268	.023	-1.225	-.475

Confidence Limits						
Probability	Estimate	95% Confidence Limits for konsentrasi		95% Confidence Limits for log(konsentrasi) ^b		
		Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound
PROBIT ^a .010	.070	.000	1.247	-1.155	-7.937	.096
.020	.114	.000	1.708	-.941	-7.203	.232
.030	.156	.000	2.090	-.806	-6.738	.320
.040	.198	.000	2.436	-.704	-6.389	.387
.050	.239	.000	2.762	-.622	-6.106	.441
.060	.281	.000	3.077	-.551	-5.865	.488
.070	.324	.000	3.385	-.489	-5.654	.530
.080	.368	.000	3.689	-.434	-5.466	.567
.090	.413	.000	3.991	-.384	-5.295	.601
.100	.460	.000	4.293	-.337	-5.137	.633
.150	.715	.000	5.840	-.146	-4.488	.766
.200	1.015	.000	7.518	.007	-3.976	.876
.250	1.372	.000	9.404	.137	-3.539	.973

.300	1.798	.001	11.579	.255	-3.150	1.064
.350	2.310	.002	14.144	.364	-2.793	1.151
.400	2.929	.003	17.239	.467	-2.457	1.236
.450	3.686	.007	21.063	.567	-2.137	1.324
.500	4.623	.015	25.925	.665	-1.825	1.414
.550	5.797	.030	32.317	.763	-1.520	1.509
.600	7.295	.061	41.078	.863	-1.216	1.614
.650	9.253	.123	53.738	.966	-.911	1.730
.700	11.886	.250	73.350	1.075	-.602	1.865
.750	15.575	.518	106.759	1.192	-.286	2.028
.800	21.045	1.098	171.925	1.323	.041	2.235
.850	29.889	2.411	328.104	1.476	.382	2.516
.900	46.475	5.585	859.067	1.667	.747	2.934
.910	51.704	6.677	1110.446	1.714	.825	3.045
.920	58.054	8.028	1482.098	1.764	.905	3.171
.930	65.939	9.722	2058.632	1.819	.988	3.314
.940	76.018	11.887	3009.504	1.881	1.075	3.478
.950	89.406	14.731	4710.222	1.951	1.168	3.673
.960	108.179	18.616	8116.350	2.034	1.270	3.909
.970	136.742	24.272	16205.364	2.136	1.385	4.210
.980	186.712	33.477	41914.398	2.271	1.525	4.622
.990	305.055	52.681	197704.160	2.484	1.722	5.296

- Nilai LC₅₀ sampel Fraksi Maserasi n-heksana

Parameter Estimates

Parameter	Estimate	Std. Error	Z	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
PROBIT ^a konsentrasi	1.500	.380	3.947	.000	.755	2.245
Intercept	-1.236	.629	-1.965	.049	-1.866	-.607

Confidence Limits

Probability	95% Confidence Limits for konsentrasi			95% Confidence Limits for log(konsentrasi) ^a		
	Estimate	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound
.010	.188	.001	1.161	-.727	-3.034	.065

PROBIT	.020	.285	.002	1.542	-.545	-2.675	.188
	.030	.372	.004	1.847	-.430	-2.447	.267
	.040	.454	.005	2.116	-.343	-2.276	.326
	.050	.534	.007	2.365	-.272	-2.137	.374
	.060	.613	.010	2.599	-.212	-2.018	.415
	.070	.693	.012	2.824	-.160	-1.915	.451
	.080	.772	.015	3.042	-.112	-1.822	.483
	.090	.852	.018	3.255	-.070	-1.737	.513
	.100	.933	.022	3.465	-.030	-1.660	.540
	.150	1.359	.046	4.492	.133	-1.339	.652
	.200	1.833	.082	5.528	.263	-1.084	.743
	.250	2.369	.136	6.614	.375	-.866	.820
	.300	2.983	.213	7.779	.475	-.671	.891
	.350	3.693	.323	9.054	.567	-.491	.957
	.400	4.522	.478	10.471	.655	-.321	1.020
	.450	5.502	.697	12.073	.740	-.157	1.082
	.500	6.672	1.009	13.919	.824	.004	1.144
	.550	8.092	1.457	16.090	.908	.163	1.207
	.600	9.844	2.108	18.710	.993	.324	1.272
	.650	12.054	3.073	21.979	1.081	.488	1.342
	.700	14.923	4.535	26.244	1.174	.657	1.419
	.750	18.789	6.818	32.179	1.274	.834	1.508
	.800	24.284	10.500	41.284	1.385	1.021	1.616
	.850	32.749	16.645	57.599	1.515	1.221	1.760
	.900	47.710	27.306	95.324	1.679	1.436	1.979
	.910	52.249	30.329	109.235	1.718	1.482	2.038
	.920	57.670	33.799	127.387	1.761	1.529	2.105
	.930	64.283	37.839	151.785	1.808	1.578	2.181
	.940	72.569	42.639	185.836	1.861	1.630	2.269
	.950	83.330	48.508	235.788	1.921	1.686	2.373
	.960	98.029	55.998	314.366	1.991	1.748	2.497
	.970	119.699	66.212	451.761	2.078	1.821	2.655
	.980	156.096	81.820	739.665	2.193	1.913	2.869
	.990	237.203	112.352	1635.650	2.375	2.051	3.214

a. Logarithm base = 10.

- **Nilai LC₅₀ sampel Fraksi Maserasi Diklorometana**

Parameter Estimates						
Parameter	Estimate	Std. Error	Z	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound

PROBIT ^a	konsentrasi	1.656	.253	6.554	.000	1.160	2.151
	Intercept	-1.435	.362	-3.959	.000	-1.797	-1.072

Confidence Limits							
Probability		95% Confidence Limits for konsentrasi			95% Confidence Limits for log(konsentrasi) ^b		
		Estimate	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound
PROBIT ^a	.010	.289	.000	1.818	-.538	-4.243	.260
	.020	.423	.000	2.314	-.374	-3.760	.364
	.030	.538	.000	2.701	-.269	-3.453	.431
	.040	.644	.001	3.036	-.191	-3.223	.482
	.050	.747	.001	3.342	-.127	-3.036	.524
	.060	.846	.001	3.628	-.072	-2.878	.560
	.070	.945	.002	3.900	-.025	-2.739	.591
	.080	1.042	.002	4.163	.018	-2.614	.619
	.090	1.140	.003	4.418	.057	-2.501	.645
	.100	1.238	.004	4.669	.093	-2.397	.669
	.150	1.740	.011	5.889	.241	-1.969	.770
	.200	2.282	.023	7.120	.358	-1.631	.852
	.250	2.879	.045	8.422	.459	-1.343	.925
	.300	3.547	.082	9.844	.550	-1.087	.993
	.350	4.304	.141	11.441	.634	-.852	1.058
	.400	5.171	.234	13.284	.714	-.632	1.123
	.450	6.176	.378	15.471	.791	-.422	1.190
	.500	7.356	.602	18.153	.867	-.220	1.259
	.550	8.761	.946	21.572	.943	-.024	1.334
	.600	10.463	1.473	26.141	1.020	.168	1.417
	.650	12.571	2.275	32.618	1.099	.357	1.513
	.700	15.254	3.485	42.509	1.183	.542	1.628
	.750	18.794	5.286	59.096	1.274	.723	1.772
	.800	23.712	7.926	90.457	1.375	.899	1.956
	.850	31.092	11.785	160.241	1.493	1.071	2.205
	.900	43.721	17.688	361.063	1.641	1.248	2.558
	.910	47.474	19.284	444.518	1.676	1.285	2.648
	.920	51.916	21.095	559.437	1.715	1.324	2.748
	.930	57.282	23.185	723.444	1.758	1.365	2.859
	.940	63.932	25.647	968.469	1.806	1.409	2.986
	.950	72.465	28.632	1357.476	1.860	1.457	3.133
	.960	83.956	32.403	2029.908	1.924	1.511	3.307
	.970	100.609	37.473	3351.489	2.003	1.574	3.525
	.980	127.968	45.055	6585.606	2.107	1.654	3.819

	.990	186.961	59.353	19382.054	2.272	1.773	4.287
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- Nilai LC₅₀ sampel Fraksi Maserasi etil asetat

Parameter Estimates

Parameter	Estimate	Std. Error	Z	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
PROBIT ^a konsentrasi	.478	.146	3.286	.001	.193	.764
Intercept	-1.131	.189	-5.981	.000	-1.320	-.942

Confidence Limits

Probability	95% Confidence Limits for konsentrasi			95% Confidence Limits for log(konsentrasi) ^a		
	Estimate	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound
PROBIT .010	.003	.000	.078	-2.498	-7.888	-1.110
.020	.012	.000	.179	-1.929	-6.482	-.747
.030	.027	.000	.305	-1.567	-5.592	-.515
.040	.051	.000	.457	-1.295	-4.923	-.340
.050	.084	.000	.636	-1.074	-4.380	-.196
.060	.130	.000	.845	-.886	-3.919	-.073
.070	.190	.000	1.085	-.721	-3.515	.036
.080	.267	.001	1.360	-.573	-3.155	.134
.090	.364	.001	1.674	-.439	-2.827	.224
.100	.484	.003	2.031	-.315	-2.527	.308
.150	1.576	.050	4.679	.197	-1.299	.670
.200	4.024	.432	9.976	.605	-.364	.999
.250	8.993	2.249	23.289	.954	.352	1.367
.300	18.519	7.020	70.226	1.268	.846	1.846
.350	36.165	14.798	266.049	1.558	1.170	2.425
.400	68.252	25.765	1097.427	1.834	1.411	3.040
.450	126.177	41.271	4615.058	2.101	1.616	3.664
.500	231.000	63.609	19569.686	2.364	1.804	4.292
.550	422.908	96.389	84403.407	2.626	1.984	4.926
.600	781.827	145.520	376602.182	2.893	2.163	5.576
.650	1475.489	221.195	1779360.233	3.169	2.345	6.250
.700	2881.472	342.134	9187262.228	3.460	2.534	6.963
.750	5933.381	545.582	54236441.307	3.773	2.737	7.734
.800	13261.985	914.229	393038400.298	4.123	2.961	8.594

.850	33866.291	1663.462	3966487471.961	4.530	3.221	9.598
.900	110170.872	3521.029	72955900924.509	5.042	3.547	10.863
.910	146488.172	4218.395	147465726830.472	5.166	3.625	11.169
.920	199629.475	5132.610	316797442133.705	5.300	3.710	11.501
.930	280562.082	6367.077	734519374765.529	5.448	3.804	11.866
.940	410301.624	8098.420	1879217040120.820	5.613	3.908	12.274
.950	632952.758	10652.398	5487358831253.330	5.801	4.027	12.739
.960	1053324.141	14696.156	19330414963528.700	6.023	4.167	13.286
.970	1970098.480	21821.094	90928044300265.200	6.294	4.339	13.959
.980	4528621.685	36887.838	712548106545699.000	6.656	4.567	14.853
.990	16815131.838	84308.775	18299085169040500.000	7.226	4.926	16.262

a. Logarithm base = 10.

- Nilai LC₅₀ sampel Fraksi Maserasi etanol-air

Parameter Estimates						
Parameter	Estimate	Std. Error	Z	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
PROBIT ^a konsentrasi	.600	.192	3.117	.002	.223	.977
Intercept	-1.989	.398	-5.003	.000	-2.386	-1.591

Confidence Limits						
Probability	95% Confidence Limits for konsentrasi			95% Confidence Limits for log(konsentrasi) ^a		
	Estimate	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound
PROBIT .010	.274	.000	2.890	-.563	-4.921	.461
.020	.780	.000	5.600	-.108	-3.705	.748
.030	1.514	.001	8.562	.180	-2.935	.933
.040	2.496	.004	11.830	.397	-2.358	1.073
.050	3.747	.013	15.442	.574	-1.890	1.189
.060	5.294	.032	19.441	.724	-1.494	1.289
.070	7.170	.071	23.876	.855	-1.147	1.378
.080	9.406	.145	28.809	.973	-.839	1.460
.090	12.040	.275	34.316	1.081	-.560	1.535
.100	15.112	.495	40.497	1.179	-.305	1.607
.150	38.726	5.124	87.970	1.588	.710	1.944
.200	81.808	25.161	212.636	1.913	1.401	2.328
.250	155.397	66.238	674.541	2.191	1.821	2.829
.300	276.488	120.627	2491.362	2.442	2.081	3.396

.350	471.578	188.293	9334.619	2.674	2.275	3.970
.400	782.678	274.621	34202.043	2.894	2.439	4.534
.450	1277.803	387.140	122779.416	3.106	2.588	5.089
0.5	2069.998	536.267	437175.770	3.316	2.729	5.641
.550	3353.326	737.250	1568430.531	3.525	2.868	6.195
.600	5474.656	1013.538	5773611.577	3.738	3.006	6.761
.650	9086.283	1403.030	22288218.459	3.958	3.147	7.348
.700	15497.590	1970.671	92806288.776	4.190	3.295	7.968
.750	27573.816	2836.413	433699419.560	4.440	3.453	8.637
.800	52377.271	4245.489	2419847675.278	4.719	3.628	9.384
.850	110646.784	6779.102	17987241355.560	5.044	3.831	10.255
.900	283534.720	12186.859	224963362210.692	5.453	4.086	11.352
.910	355886.752	14037.331	414224597235.063	5.551	4.147	11.617
.920	455556.263	16365.587	804090606265.411	5.659	4.214	11.905
.930	597650.618	19371.400	1667650407982.320	5.776	4.287	12.222
.940	809336.596	23382.316	3766867086259.010	5.908	4.369	12.576
.950	1143702.236	28975.309	9542141867597.390	6.058	4.462	12.980
.960	1716957.702	37271.114	28443617115077.600	6.235	4.571	13.454
.970	2829295.398	50779.462	108951564182510.000	6.452	4.706	14.037
.980	5495837.821	76573.322	649711999913223.000	6.740	4.884	14.813
.990	15650133.549	146196.968	10846457597172300.000	7.195	5.165	16.035

a. Logarithm base = 10.

- **Nilai LC₅₀ sampel Fraksi Soxhletasi n-heksana**

Parameter Estimates

Parameter	Estimate	Std. Error	Z	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
PROBIT ^a konsentrasi	.740	.219	3.379	.001	.311	1.169
Intercept	-.954	.533	-1.790	.073	-1.487	-.421

Confidence Limits

Probability	95% Confidence Limits for konsentrasi			95% Confidence Limits for log(konsentrasi) ^a		
	Estimate	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound
PROBIT .010	.014	.000	.513	-1.855	-7.531	-.290
.020	.033	.000	.893	-1.487	-6.661	-.049
.030	.056	.000	1.271	-1.253	-6.110	.104

.040	.084	.000	1.660	-1.077	-5.696	.220
.050	.116	.000	2.065	-.934	-5.360	.315
.060	.154	.000	2.488	-.812	-5.074	.396
.070	.197	.000	2.931	-.705	-4.823	.467
.080	.246	.000	3.396	-.610	-4.599	.531
.090	.300	.000	3.885	-.523	-4.395	.589
.100	.361	.000	4.398	-.443	-4.208	.643
.150	.773	.000	7.391	-.112	-3.435	.869
.200	1.418	.002	11.251	.152	-2.824	1.051
.250	2.385	.005	16.252	.377	-2.302	1.211
.300	3.805	.015	22.789	.580	-1.838	1.358
.350	5.865	.039	31.447	.768	-1.411	1.498
.400	8.844	.098	43.133	.947	-1.010	1.635
.450	13.158	.235	59.312	1.119	-.629	1.773
.500	19.455	.550	82.495	1.289	-.260	1.916
.550	28.764	1.257	117.289	1.459	.099	2.069
.600	42.797	2.824	172.874	1.631	.451	2.238
.650	64.531	6.248	269.496	1.810	.796	2.431
.700	99.479	13.565	457.608	1.998	1.132	2.660
.750	158.699	28.732	883.128	2.201	1.458	2.946
.800	266.959	59.200	2055.730	2.426	1.772	3.313
.850	489.471	120.241	6293.797	2.690	2.080	3.799
.900	1049.531	253.192	29794.839	3.021	2.403	4.474
.910	1261.847	298.001	44113.484	3.101	2.474	4.645
.920	1541.445	353.754	67938.697	3.188	2.549	4.832
.930	1920.892	424.745	109851.556	3.284	2.628	5.041
.940	2456.095	517.896	189004.407	3.390	2.714	5.276
.950	3250.761	645.166	353211.341	3.512	2.810	5.548
.960	4518.703	829.257	741626.330	3.655	2.919	5.870
.970	6774.066	1119.597	1861568.225	3.831	3.049	6.270
.980	11603.588	1650.484	6396765.931	4.065	3.218	6.806
.990	27101.917	2988.695	45569632.386	4.433	3.475	7.659

a. Logarithm base = 10.

- Nilai LC₅₀ sampel Fraksi Soxhletasi Diklorometana

Parameter Estimates

Parameter	Estimate	Std. Error	Z	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
PROBIT ^a konsentrasi	1.111	.198	5.614	.000	.723	1.499
Intercept	-1.051	.379	-2.777	.005	-1.430	-.673

Confidence Limits

Probability	95% Confidence Limits for konsentrasi			95% Confidence Limits for log(konsentrasi) ^b		
	Estimate	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound
PROBIT ^a .010	.071	.000	1.541	-1.148	-10.303	.188
.020	.125	.000	2.177	-.903	-9.281	.338
.030	.179	.000	2.718	-.747	-8.634	.434
.040	.235	.000	3.216	-.630	-8.148	.507
.050	.292	.000	3.693	-.534	-7.753	.567
.060	.352	.000	4.157	-.453	-7.417	.619
.070	.415	.000	4.616	-.382	-7.123	.664
.080	.480	.000	5.073	-.319	-6.860	.705
.090	.549	.000	5.531	-.261	-6.621	.743
.100	.620	.000	5.993	-.207	-6.401	.778
.150	1.031	.000	8.405	.013	-5.495	.925
.200	1.544	.000	11.105	.189	-4.778	1.046
.250	2.184	.000	14.231	.339	-4.167	1.153
.300	2.980	.000	17.950	.474	-3.623	1.254
.350	3.977	.001	22.492	.600	-3.123	1.352
.400	5.228	.002	28.196	.718	-2.654	1.450
.450	6.812	.006	35.598	.833	-2.206	1.551
.500	8.839	.017	45.594	.946	-1.774	1.659
.550	11.469	.045	59.789	1.060	-1.351	1.777
.600	14.945	.116	81.304	1.174	-.936	1.910
.650	19.648	.298	116.843	1.293	-.526	2.068
.700	26.214	.755	182.771	1.419	-.122	2.262
.750	35.781	1.868	326.132	1.554	.271	2.513
.800	50.597	4.457	714.931	1.704	.649	2.854
.850	75.773	10.123	2165.168	1.880	1.005	3.335
.900	125.950	22.195	11176.090	2.100	1.346	4.048
.910	142.396	26.004	17139.565	2.153	1.415	4.234

.920	162.706	30.562	27564.646	2.211	1.485	4.440
.930	188.396	36.099	46994.755	2.275	1.557	4.672

- Nilai LC₅₀ sampel Fraksi Soxhletasi etil asetat

Parameter	Estimate	Std. Error	Z	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
PROBIT ^a konsentrasi	.865	.185	4.681	.000	.503	1.227
Intercept	-1.990	.266	-7.495	.000	-2.256	-1.725

Probability	95% Confidence Limits for konsentrasi			Estimate	95% Confidence Limits for log(konsentrasi) ^a	
	Estimate	Lower Bound	Upper Bound		Lower Bound	Upper Bound
PROBIT .010	.409	.022	1.428	.389	-1.653	.155
.020	.844	.076	2.432	.074	-1.120	.386
.030	1.338	.164	3.426	.126	-.784	.535
.040	1.891	.293	4.452	.277	-.533	.649
.050	2.507	.467	5.530	.399	-.331	.743
.060	3.186	.692	6.672	.503	-.160	.824
.070	3.932	.974	7.892	.595	-.011	.897
.080	4.746	1.318	9.204	.676	.120	.964
.090	5.632	1.730	10.622	.751	.238	1.026
.100	6.593	2.215	12.163	.819	.345	1.085
.150	12.661	5.826	22.498	1.102	.765	1.352
.200	21.264	11.414	40.385	1.328	1.057	1.606
.250	33.178	18.680	72.584	1.521	1.271	1.861
.300	49.471	27.501	129.911	1.694	1.439	2.114
.350	71.635	38.116	230.032	1.855	1.581	2.362
.400	101.785	51.011	402.922	2.008	1.708	2.605

.450	142.983	66.874	700.796	2.155	1.825	2.846
.500	199.777	86.663	1217.038	2.301	1.938	3.085
.550	279.130	111.743	2124.264	2.446	2.048	3.327
.600	392.110	144.134	3755.139	2.593	2.159	3.575
.650	557.142	186.968	6785.941	2.746	2.272	3.832
.700	806.751	245.370	12690.119	2.907	2.390	4.103
.750	1202.925	328.340	24988.225	3.080	2.516	4.398
.800	1876.888	453.281	53240.525	3.273	2.656	4.726
.850	3152.364	658.849	128817.977	3.499	2.819	5.110
.900	6053.226	1052.515	392390.300	3.782	3.022	5.594
.910	7086.383	1178.273	513661.041	3.850	3.071	5.711
.920	8409.553	1331.840	688304.645	3.925	3.124	5.838
.930	10151.328	1523.722	949703.144	4.007	3.183	5.978
.940	12526.355	1770.652	1360775.789	4.098	3.248	6.134
.950	15920.436	2101.165	2051150.173	4.202	3.322	6.312
.960	21100.591	2568.649	3322403.201	4.324	3.410	6.521
.970	29832.913	3287.427	6012502.795	4.475	3.517	6.779
.980	47274.578	4561.845	13232687.469	4.675	3.659	7.122
.990	97666.411	7640.180	45910445.142	4.990	3.883	7.662

a. Logarithm base = 10.

- Nilai LC₅₀ sampel Fraksi Soxhletasi etanol-air

Parameter Estimates

Parameter	Estimate	Std. Error	Z	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
PROBIT ^a konsentrasi	.719	.208	3.463	.001	.312	1.126
Intercept	-2.344	.438	-5.355	.000	-2.782	-1.906

Confidence Limits

Probability	95% Confidence Limits for konsentrasi			95% Confidence Limits for log(konsentrasi) ^a		
	Estimate	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound
PROBIT .010	1.058	.002	6.207	.025	-2.638	.793
.020	2.532	.017	11.074	.404	-1.775	1.044
.030	4.405	.059	16.081	.644	-1.229	1.206
.040	6.681	.151	21.390	.825	-.821	1.330
.050	9.376	.323	27.094	.972	-.491	1.433
.060	12.510	.615	33.276	1.097	-.211	1.522
.070	16.109	1.075	40.024	1.207	.032	1.602
.080	20.201	1.766	47.446	1.305	.247	1.676
.090	24.820	2.758	55.673	1.395	.441	1.746
.100	29.999	4.135	64.874	1.477	.616	1.812
.150	65.749	19.865	135.874	1.818	1.298	2.133
.200	122.670	54.331	311.258	2.089	1.735	2.493
.250	209.459	102.443	796.864	2.321	2.010	2.901
.300	338.662	160.285	2093.889	2.530	2.205	3.321
.350	528.601	230.066	5406.806	2.723	2.362	3.733
.400	806.509	316.077	13641.899	2.907	2.500	4.135
.450	1213.751	423.951	33860.044	3.084	2.627	4.530
.500	1814.828	561.344	83527.221	3.259	2.749	4.922
.550	2713.572	739.209	207177.670	3.434	2.869	5.316
.600	4083.775	973.954	523488.310	3.611	2.989	5.719
.650	6230.791	1291.347	1368600.784	3.795	3.111	6.136
.700	9725.343	1734.227	3777116.122	3.988	3.239	6.577
.750	15724.349	2379.131	11319591.065	4.197	3.376	7.054
.800	26849.369	3376.864	38497668.115	4.429	3.529	7.585
.850	50093.308	5069.926	160650089.472	4.700	3.705	8.206
.900	109790.647	8436.798	971472680.793	5.041	3.926	8.987
.910	132701.369	9538.560	1500769792.876	5.123	3.979	9.176
.920	163039.976	10898.048	2407427662.457	5.212	4.037	9.382
.930	204463.012	12616.182	4048294740.755	5.311	4.101	9.607
.940	263283.425	14855.332	7234664403.283	5.420	4.172	9.859
.950	351286.121	17895.489	14029919354.438	5.546	4.253	10.147
.960	492945.498	22267.353	30553987196.342	5.693	4.348	10.485
.970	747629.215	29125.054	79563094400.887	5.874	4.464	10.901
.980	1300602.227	41602.194	284043639740.367	6.114	4.619	11.453
.990	3112693.970	72928.491	2112261737161.280	6.493	4.863	12.325

a. Logarithm base = 10.

Lampiran 6. Kromatogram HPLC

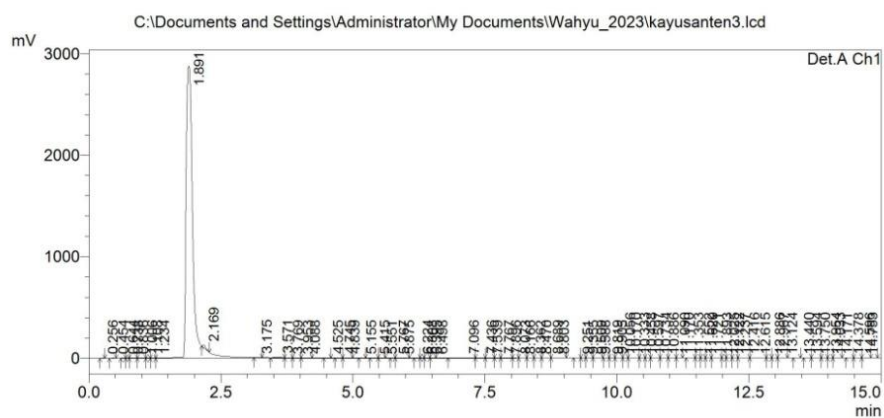
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 Sample ID : S n-hexan
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 Injection Volume : 1 uL
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 Method File Name : kayusanten.lcm
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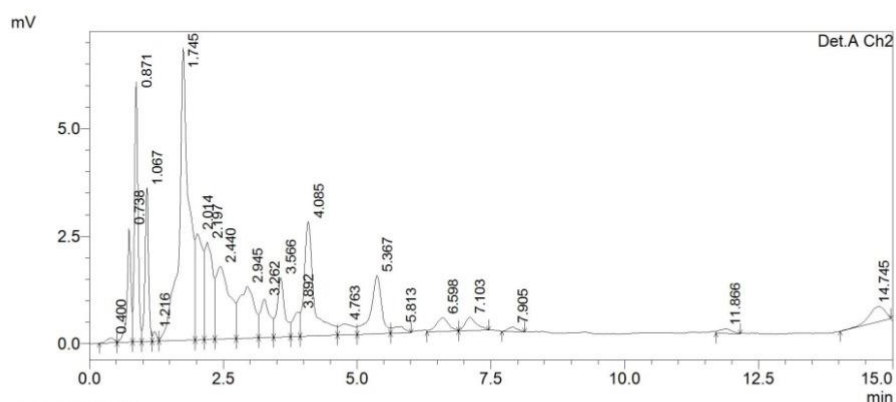
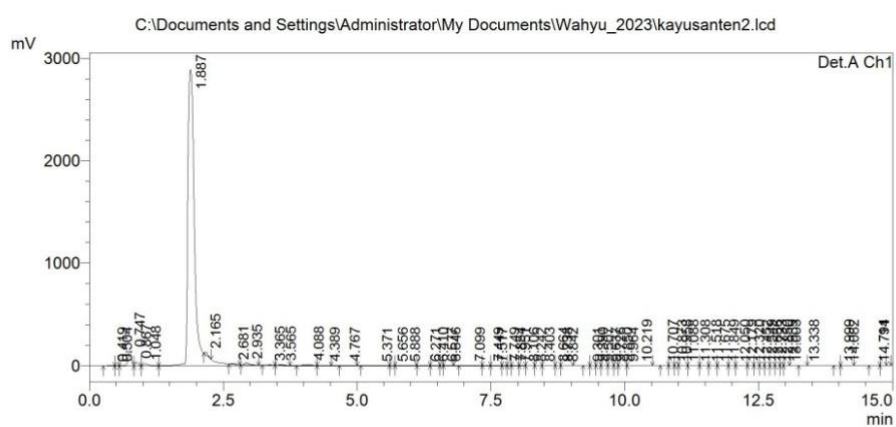
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 Sample ID : M n-hexan
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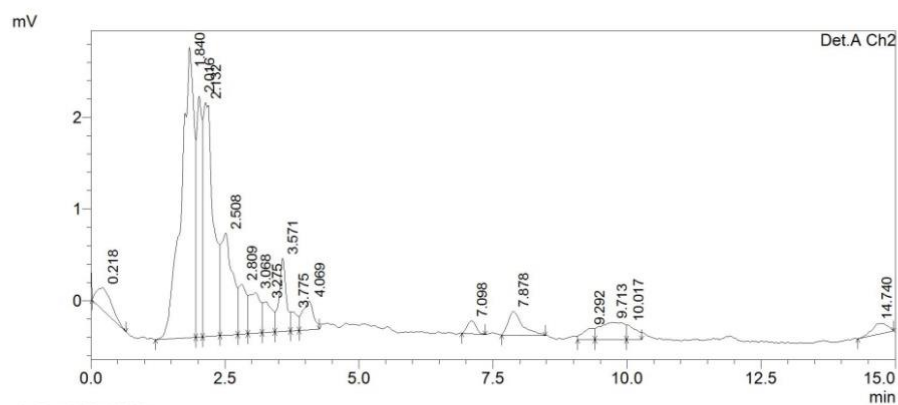
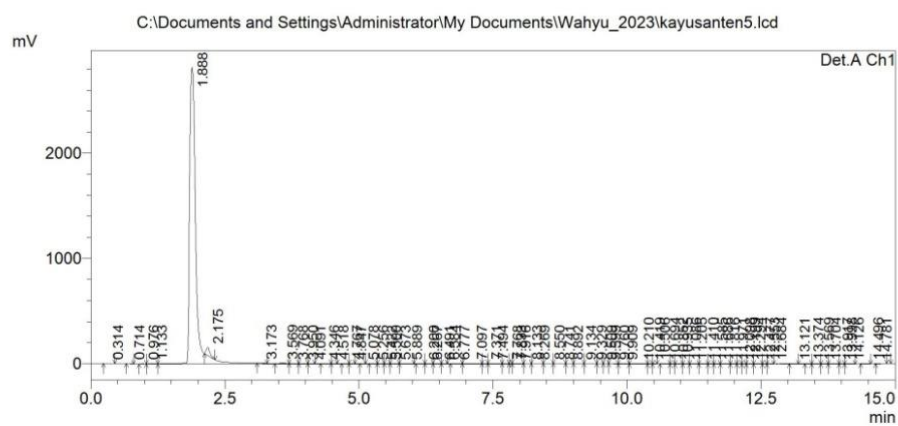
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- 2 Det.A Ch2/280nm

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 Injection Volume : 1 uL
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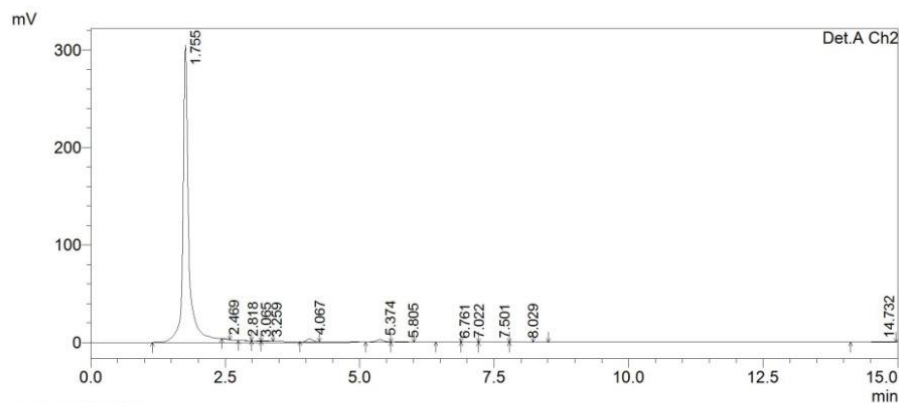
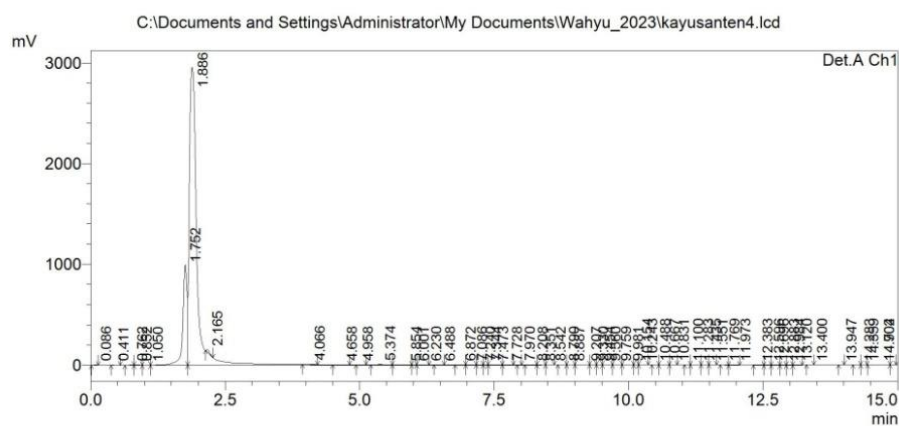
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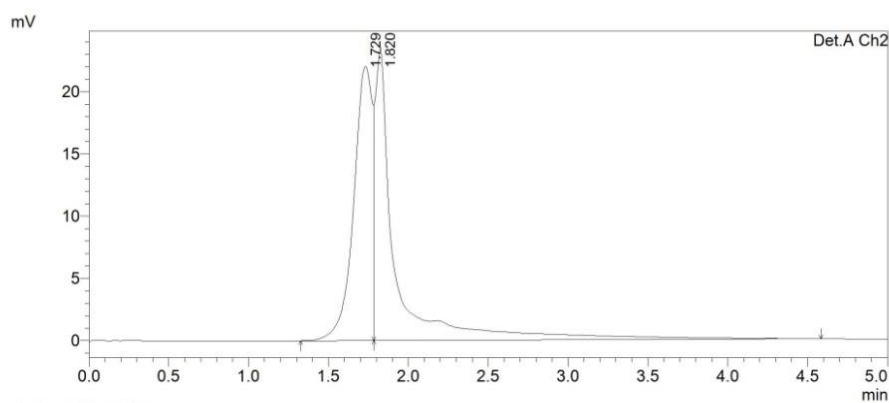
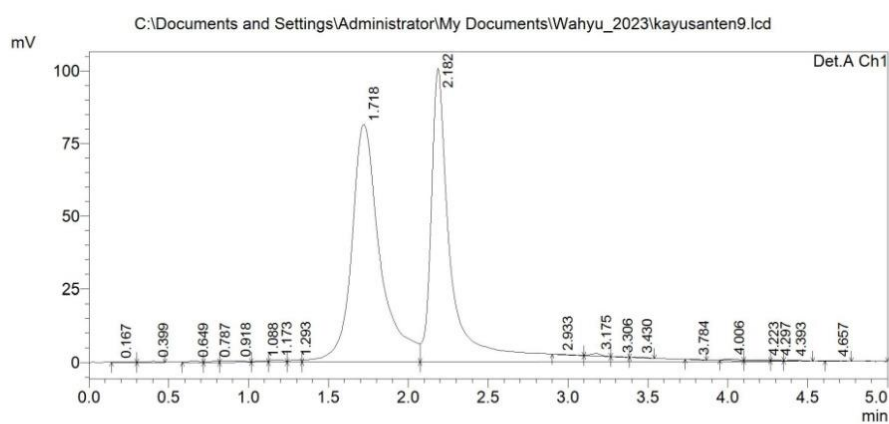
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Sample ID : S AIR
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Injection Volume : 1 uL
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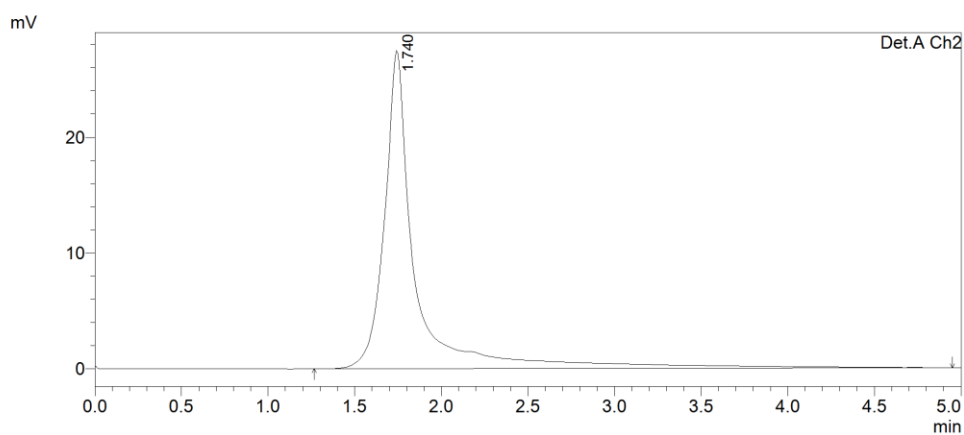
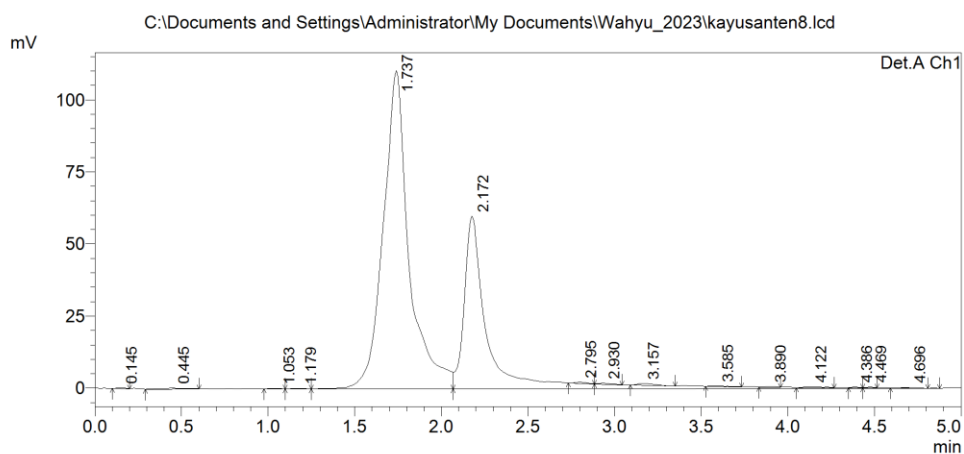
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==== Shimadzu LCsolution Analysis Report ====

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Lampiran 7. Riwayat Hidup

RIWAYAT HIDUP

Gede Wahyu Ariawan lahir di Seririt pada tanggal 20 Juli 2001. Penulis lahir dari pasangan suami istri Bapak I Ketut Dana Merta dan Ibu Kadek Amik. Penulis berkebangsaan Indonesia dan beragama Hindu. Kini penulis beralamat di Banjar Baleagung, Desa Kerobokan, Kecamatan Sawan, Kabupaten Buleleng Provinsi Bali.

Penulis menyelesaikan pendidikan dasar di SD Negeri 3 Seririt dan lulus pada tahun 2013. Kemudian penulis melanjutkan SMP Negeri 3 Singaraja dan lulus pada tahun 2016. Pada tahun 2019, penulis lulus dari SMA Negeri 3 Singaraja dan melanjutkan ke Program Studi Kimia di Universitas Pendidikan Ganesha. Pada semester VIII tahun 2023 penulis telah menyelesaikan Skripsi yang berjudul “Uji Fitokimia dan Toksisitas Ekstrak Etanol Daun Kayu Santen (*Lannea Coromandelica* Merr.) yang Diisolasi Dengan Metode Maserasi dan Soxhletasi”.