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LAMPIRAN

Lampiran 1 Gambar Alat dan Bahan

Lampiran 1.1 Gambar Alat Penelitian










Lampiran 1.2 Gambar Bahan Penelitian





Lampiran 2 Foto Pada Saat Eksperimen


Lampiran 3 Data Origin

Lampiran 3.1 Variasi Waktu Iradiasi

	A(X)	B(Y)	C(Y)	D(Y)	E(Y)	F(Y)	G(Y)
Long Name							
Units							
Comments		1 Jam	3 Jam	5 Jam	8 Jam	24 Jam	48 Jam
F(x)=							
1	550.09	-82.95867	261.41949	72.22821	-207.12269	266.58198	1397.02517
2	550.54	-83.01048	261.77045	72.80328	-199.37561	266.57073	1413.87783
3	550.99	-83.05748	262.12259	73.38462	-191.63893	266.67137	1433.87694
4	551.43	-83.09967	262.47589	73.97225	-183.91266	266.88389	1457.02252
5	551.88	-83.13705	262.83035	74.56614	-176.19679	267.20831	1483.31457
6	552.33	-83.16962	263.18597	75.16631	-168.49133	267.64463	1512.75308
7	552.78	-83.19738	263.54276	75.77276	-160.79627	268.19283	1545.33805
8	553.23	-83.22033	263.90072	76.38548	-153.11162	268.85292	1581.06949
9	553.67	-83.23846	264.25984	77.00448	-145.43737	269.62491	1619.9474
10	554.12	-83.25179	264.62012	77.62975	-137.77353	270.50878	1661.97177
11	554.57	-83.2603	264.98157	78.2613	-130.12009	271.50455	1707.1426
12	555.02	-83.26401	265.34418	78.89912	-122.47706	272.61221	1755.4599
13	555.46	-83.2629	265.70796	79.54322	-114.84443	273.83176	1806.92366
14	555.91	-83.25699	266.0729	80.19359	-107.22221	275.16321	1861.53389
15	556.36	-83.24626	266.43901	80.85023	-99.61039	276.60654	1919.29058
16	556.81	-83.23072	266.80627	81.51316	-92.00898	278.16176	1980.19374
17	557.25	-83.21038	267.17471	82.18235	-84.41797	279.82888	2044.24336
18	557.7	-83.18522	267.54431	82.85782	-76.83737	281.60789	2111.43945
19	558.15	-83.15525	267.91507	83.53957	-69.26717	283.49879	2181.782
20	558.6	-83.12047	268.287	84.22759	-61.70737	285.50158	2255.27102
21	559.04	-83.08088	268.66009	84.92189	-54.15799	287.61626	2331.9065
22	559.49	-83.03648	269.03434	85.62246	-46.619	289.84283	2411.68844
23	559.94	-82.98727	269.40976	86.32931	-39.09043	292.18129	2494.61685
24	560.39	-82.93325	269.78635	87.04243	-31.57225	294.63165	2580.69173
25	560.83	-82.87442	270.1641	87.76182	-24.06449	297.1939	2669.91307
26	561.28	-82.81078	270.54301	88.48749	-16.56712	299.86803	2762.28087
27	561.73	-82.74232	270.92309	89.21944	-9.08017	302.65406	2857.79514
28	562.17	-82.66906	271.30433	89.95766	-1.60361	305.55198	2956.45588
29	562.62	-82.59099	271.68673	90.70216	5.86253	308.5618	3058.26308
30	563.07	-82.5081	272.0703	91.45293	13.31828	311.6835	3163.21674

Lampiran 3.2 Variasi Rasio Perbandingan GSH:$AgNO_3$

	A(X)	B(Y)	C(Y)	D(Y)
Long Name				
Units				
Comments		Rasio 1 1	Rasio 2 1	Rasio 3 1
F(x)=				
1	550.09	319.47543	465.06905	456.66197
2	550.54	317.54604	458.61263	443.46711
3	550.99	315.64963	452.56216	430.7389
4	551.43	313.78619	446.91763	418.47735
5	551.88	311.95572	441.67903	406.68247
6	552.33	310.15823	436.84638	395.35424
7	552.78	308.39371	432.41967	384.49268
8	553.23	306.66217	428.39891	374.09777
9	553.67	304.9636	424.78408	364.16953
10	554.12	303.298	421.5752	354.70794
11	554.57	301.66538	418.77226	345.71302
12	555.02	300.06572	416.37526	337.18475
13	555.46	298.49905	414.3842	329.12315
14	555.91	296.96534	412.79908	321.5282
15	556.36	295.46461	411.61991	314.39992
16	556.81	293.99686	410.84667	307.7383
17	557.25	292.56208	410.47938	301.54334
18	557.7	291.16027	410.51803	295.81503
19	558.15	289.79143	410.96262	290.55339
20	558.6	288.45557	411.81316	285.75841
21	559.04	287.15268	413.06963	281.43009
22	559.49	285.88277	414.73205	277.56843
23	559.94	284.64583	416.80041	274.17343
24	560.39	283.44186	419.27471	271.24509
25	560.83	282.27087	422.15495	268.78341
26	561.28	281.13285	425.44114	266.78839
27	561.73	280.0278	429.13326	265.26003
28	562.17	278.95573	433.23133	264.19833
29	562.62	277.91663	437.73534	263.60329
30	563.07	276.9105	442.64529	263.47491

Lampiran 3.3 Variasi pH Larutan

	A(X)	B(Y)	C(Y)	D(Y)
Long Name				
Units				
Comments		pH 5	pH 6	pH 7
F(x)=				
1	420.41	148	75	25
2	420.86	153.66667	89.66667	46.66667
3	421.32	173.4	82.2	42.8
4	421.78	175.71429	68.71429	47
5	422.23	176.33333	71.55556	44
6	422.69	185.54545	64.54545	44.72727
7	423.14	193.69231	64.46154	48.69231
8	423.6	205.06667	61.66667	49.8
9	424.05	220.94118	61.94118	57.29412
10	424.51	240.84211	57.78947	65.10526
11	424.97	267.7619	56.19048	72.2381
12	425.42	300.86957	52.26087	81.82609
13	425.88	334.16	50.08	92
14	426.33	367.25926	49.11111	99.44444
15	426.79	396.89655	49.06897	107.62069
16	427.24	422.67742	48.93548	116.25806
17	427.7	449.48485	53.9697	125.57576
18	428.15	472.6	64.22857	131.54286
19	428.61	490.89189	73.56757	138.2973
20	429.06	500.20513	81.41026	142.69231
21	429.52	503.4878	90.31707	144.65854
22	429.97	503.5814	97.13953	146.18605
23	430.43	499.84444	107.46667	144.93333
24	430.88	493.40426	119.25532	144.02128
25	431.34	485.63265	134.36735	143.12245
26	431.79	488.61224	143.63265	145.10204
27	432.25	491.22449	154.89796	146.32653
28	432.7	493.97959	167.14286	147.26531
29	433.16	495.34694	183.16327	148.55102
30	433.61	495.89796	201.65306	150.14286

Lampiran 3.4 Data Menentukan LOD

	A(X)	B(Y)	C(Y)	D(Y)	E(Y)	F(Y)	G(Y)	H(Y)
Long Name		PL Intensity	PL Intensity	PL Intensity	PL Intensity	PL Intensity	PL Intensity	PL Intensity
Units		a.u	a.u	a.u	a.u	a.u	a.u	a.u
Comments		AgNCs 0,005	S0	S1	S2	S3	S4	S5
F(x)=								
385	720.04	7113.15173	5859.567	4296.82511	3938.78633	2729.19798	1855.32002	825.68275
386	720.48	7142.78781	5882.91879	4314.67702	3955.17525	2740.76601	1864.63813	829.88194
387	720.92	7171.00939	5907.16588	4331.6416	3971.46586	2752.82761	1875.00389	833.23934
388	721.35	7199.46824	5931.88522	4347.80261	3987.5554	2764.08111	1883.9761	836.83576
389	721.79	7226.12339	5956.08092	4363.98961	4003.89408	2775.71624	1893.53161	841.21366
390	722.23	7255.6065	5981.1892	4381.37329	4020.60895	2786.77548	1901.88294	845.05887
391	722.66	7286.86739	6005.51406	4398.045	4035.98862	2798.95849	1911.75444	848.61953
392	723.1	7315.3187	6027.92518	4414.14786	4051.53714	2809.91944	1920.18983	852.67932
393	723.54	7343.05003	6050.79523	4431.56942	4067.27896	2821.82384	1928.94372	856.02349
394	723.97	7371.36282	6071.87769	4449.18076	4082.74895	2833.10586	1938.61762	860.37676
395	724.41	7400.01249	6095.81023	4465.46302	4098.22307	2843.50207	1947.24131	863.20106
396	724.85	7428.37474	6118.11554	4481.93368	4113.10794	2854.88483	1955.48068	867.31249
397	725.28	7454.68975	6140.65084	4497.68848	4128.51518	2866.16711	1963.92299	871.08703
398	725.72	7483.21294	6164.57171	4514.92572	4144.17035	2878.54824	1975.15316	874.85787
399	726.16	7513.39926	6187.58821	4531.00805	4158.18148	2890.04409	1984.79499	877.86122
400	726.6	7540.74115	6211.24228	4548.65192	4172.25109	2901.60976	1994.97106	881.92786
401	727.03	7567.87742	6232.86862	4566.02535	4187.44451	2912.54183	2003.42346	885.52955
402	727.47	7595.72008	6255.59251	4581.77328	4201.54032	2923.44192	2012.93038	890.58233
403	727.91	7625.15176	6277.82276	4598.10969	4216.03164	2934.77604	2022.45499	894.08789
404	728.34	7653.3974	6298.9607	4613.98504	4230.11072	2945.56871	2032.37621	898.97982
405	728.78	7684.03454	6319.45163	4629.62898	4244.06977	2957.44268	2040.98921	902.44121
406	729.21	7713.14657	6340.83931	4646.94201	4258.71197	2969.3286	2050.15113	907.08135
407	729.65	7742.43489	6362.80926	4662.17132	4272.60705	2979.81178	2058.77293	910.63682
408	730.09	7770.93928	6385.50042	4679.56525	4285.82903	2990.39127	2068.66244	915.61192
409	730.52	7798.46464	6408.3921	4696.5868	4299.3975	3002.1584	2076.79582	918.94253
410	730.96	7825.30227	6430.42447	4713.55193	4312.6145	3013.85323	2087.04718	922.92912
411	731.4	7854.20495	6453.36453	4731.74476	4325.84584	3025.5067	2096.16731	927.08588
412	731.83	7882.86237	6474.16498	4747.64986	4338.97817	3036.72981	2105.64072	931.52505
413	732.27	7909.18428	6497.26868	4763.70947	4351.39741	3049.00698	2115.14783	935.77026
414	732.71	7937.87749	6520.63538	4777.80601	4363.62072	3060.36526	2123.62643	940.69453

Lampiran 3.5 Data Menentukan QY

	A(X)	B(Y)	C(Y)
Long Name	Konsentrasi	PL Intensity	PL Intensity
Units	mg/mL	a.u	a.u
Comments	AgNCs	R6G	AgNCs
F(x)=			
1	0.005	16374.6537	8655.52003
2	0.0045	14209.18541	7248.58399
3	0.004	13065.36743	5802.4936
4	0.0035	10704.95967	5090.42932
5	0.003	8591.22471	4284.04775
6	0.0025	6933.20752	3964.39748
7	0.002	5765.47257	3070.90316
8	0.0015	4163.44917	2471.59413
9	0.001	2202.91366	1439.21033
10	5E-4	1020.43379	721.58229