

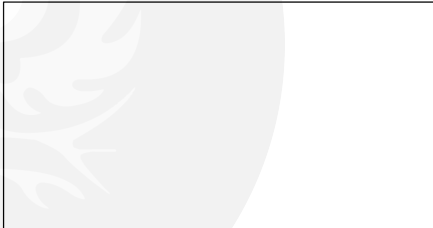
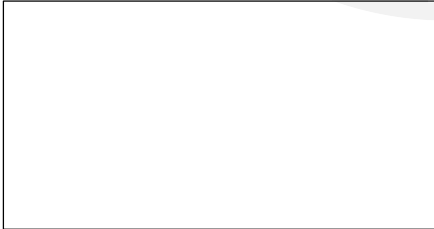
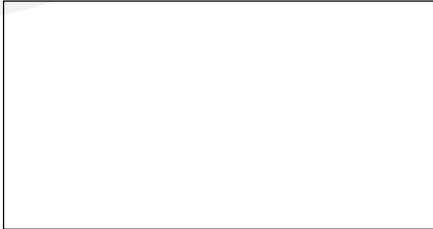


## LAMPIRAN

Lampiran 1. Contoh Uji Percobaan

<b>Resep Standar Pabrik</b>
<b>Dye Acid 0.25 g/l</b> <b>Permulsin NSI 0,25 g/l</b> <b>Levesol Cf-G11 0,25 g/l</b>


<b>Resep Percobaan</b>	
<b>Dye Acid 0.25 g/l</b> <b>Rapid DM 5535 0.25 g/l</b>	<b>Dye Acid 0.25 g/l</b> <b>Rapid DM 5535 0.5 g/l</b>
	
<b>DyeAcid 0.25 g/l</b> <b>Rapid DM 5535 0.75 g/l</b>	<b>Dye Acid 0.25 g/l</b> <b>Rapid DM 5535 1.0 g/l</b>
	

Lampiran 2. Data Nilai K/S pada Panjang Gelombang ( $\lambda$ ) 400-700 nm

$\lambda$	K/S Kain Berwarna (Permulsin NSI dan Levesol CF-G11) 0.25 g/l			$\bar{x}$
	1	2	3	
400	7,4755	8,9655	7,6645	8,0352
410	9,8223	13,7229	12,4235	11,9895
420	13,9868	17,1956	11,8400	14,3408
430	12,8685	13,4682	20,8455	15,7274
440	20,5633	18,6977	17,1956	18,8189
450	22,5633	18,0246	15,3552	18,7712
460	19,1737	19,9325	28,7703	22,6255
470	17,3287	18,5441	17,3960	17,7562
480	25,0513	24,7829	25,3253	25,0532
490	20,6566	19,0125	21,2335	20,3008
500	14,1223	18,7755	15,5168	16,1382
510	16,7446	19,7589	19,1737	18,5591
520	16,4968	15,2492	17,8103	16,5188
530	12,1081	11,8729	14,8888	12,9566
540	11,6461	12,8685	11,9060	12,1402
550	11,6143	12,1769	11,1860	11,6591
560	10,9258	11,2753	10,8975	11,0329
570	10,8415	11,2156	10,6494	10,9022
580	10,5690	10,8137	11,6780	11,0202
590	9,9399	10,9258	11,1565	10,6741
600	9,2703	9,3335	9,7072	9,4370
610	8,5320	9,1054	8,8873	8,8416
620	7,8312	9,0450	8,6046	8,4936
630	7,5328	7,1873	8,2184	7,6461
640	6,4631	6,1075	6,9181	6,4962
650	5,0014	5,2361	5,3766	5,2047
660	3,6168	3,7612	3,6542	3,6774
670	2,7181	2,7155	2,7365	2,7234
680	1,6133	1,7252	1,6885	1,6757
690	1,0642	1,0656	1,0861	1,0720
700	0,6225	0,6545	0,6549	0,6440

(λ)	K/S Kain Berwarna (Rapid DM 5535) 0.25 g/l			$\bar{x}$
	1	2	3	
400	7,9091	8,9655	7,6645	7,7816
410	10,2835	12,9069	11,6143	11,6016
420	12,9069	15,8499	17,3287	15,3618
430	18,8539	15,9067	24,1356	19,6320
440	18,2438	16,6820	15,7374	16,8877
450	18,6977	16,7446	18,8539	18,0987
460	20,5633	17,3287	21,6355	19,8425
470	17,1297	19,6733	17,2619	18,0216
480	24,1356	23,7276	22,2666	23,3882
490	22,7072	16,6198	18,7755	19,3675
500	14,9393	15,0927	14,9393	14,9904
510	181701	17,7399	17,8103	17,9068
520	14,8386	14,8888	15,0927	14,9400
530	13,7229	13,1420	13,0235	13,2961
540	13,3441	13,6370	13,5100	13,4970
550	10,7860	11,9060	11,1272	11,2730
560	10,6225	11,4889	11,2753	11,1289
570	11,2156	12,2464	11,4271	11,6297
580	11,1272	11,1565	11,3356	11,2064
590	10,3856	11,4579	11,0689	10,9708
600	10,5690	10,0359	9,5945	10,0665
610	9,2494	8,8486	10,3343	9,4774
620	8,2629	8,0530	9,1462	8,4894
630	7,2676	7,8312	8,3034	7,8007
640	6,1075	6,6317	6,6896	6,4763
650	5,3291	5,2591	5,7308	5,4397
660	3,5046	3,6334	3,9340	3,6907
670	2,6043	2,8093	2,8996	2,7711
680	1,6109	1,6453	1,7840	1,6800
690	1,0273	1,0476	1,1265	1,0671
700	0,6032	0,6236	0,6680	0,6316

(λ)	K/S Kain Berwarna (Rapid DM 5535) 0.5 g/l			$\bar{X}$
	1	2	3	
400	8,2353	7,4191	8,0368	7,8970
410	9,7759	10,8694	11,3659	10,6704
420	12,0740	15,9639	11,7747	13,2709
430	13,2626	15,3552	14,8888	14,5022
440	24,1356	21,7383	18,0246	21,2995
450	16,5581	19,0125	21,5336	19,0347
460	17,8103	19,2553	20,1982	19,0879
470	23,2821	19,7589	20,5633	21,2015
480	24,7829	25,1876	26,4816	25,4840
490	17,6008	18,4681	21,3326	19,1338
500	16,0215	17,5320	18,4681	17,3405
510	18,1701	16,1967	14,2140	16,1936
520	17,6701	16,4360	16,4968	16,8676
530	14,5924	14,4009	15,0927	14,6953
540	11,7747	11,8073	12,1769	11,9196
550	11,3054	11,5200	11,9060	11,5771
560	11,0980	11,3356	11,4889	11,3075
570	11,2156	10,8975	11,0400	11,0511
580	10,9826	11,5827	11,0980	11,2211
590	10,6494	11,1860	11,5513	11,1289
600	10,3856	10,3599	10,3343	10,3600
610	9,5945	9,5280	9,0651	9,3958
620	9,2913	8,6599	8,1681	8,7064
630	8,2863	7,9725	8,2016	8,1534
640	7,0826	6,9680	6,8203	6,9569
650	5,8579	5,7397	5,4986	5,6988
660	4,1718	4,2617	4,1203	4,1846
670	2,8011	2,7983	2,7631	2,7875
680	1,8009	1,8023	1,7714	1,7915
690	1,1447	1,1168	1,0747	1,1121
700	0,6892	0,6847	0,6549	0,6763

(λ)	K/S Kain Berwarna (Rapid DM 5535) 0.75 g/l			$\bar{x}$
	1	2	3	
400	8,6046	7,5908	7,6944	7,9633
410	18,7755	11,8729	13,1023	14,5836
420	12,9455	13,2221	15,9639	14,0439
430	17,1956	13,0235	19,0928	16,4373
440	20,0203	19,8453	18,1701	19,3453
450	16,2559	19,3375	18,7755	18,1230
460	21,9467	18,4681	17,7399	19,3849
470	21,7383	19,5883	24,3906	21,9057
480	26,7868	27,5802	27,4176	27,2616
490	20,7506	21,1352	19,7589	20,5483
500	16,3155	15,2492	18,2438	16,6028
510	19,5883	14,9393	21,6355	18,7210
520	18,3927	19,9325	17,8812	18,7355
530	15,9067	16,0215	15,2492	15,7258
540	12,4595	11,4579	14,3537	12,7570
550	10,8975	10,5160	10,9258	10,7798
560	10,5160	10,4115	10,9258	10,6177
570	13,1820	10,1090	12,7923	12,0277
580	12,3167	10,6765	10,9826	11,3253
590	10,9541	10,7584	11,3356	11,0160
600	9,9399	10,3088	9,8456	10,0315
610	10,1583	8,4251	9,9399	9,5078
620	9,8456	7,4191	9,7759	9,0135
630	9,2703	7,9566	8,1349	8,4539
640	7,5184	6,6317	6,7484	6,9662
650	5,4986	5,0800	6,1779	5,5855
660	4,3943	3,6458	3,8597	3,9666
670	2,8204	2,6948	2,9763	2,8305
680	1,8383	1,6036	1,6743	1,7054
690	1,1183	0,9958	1,0912	1,0684
700	0,6620	0,5760	0,6274	0,6218

(λ)	K/S Kain Berwarna (Rapid DM 5535) 1.0 g/l			$\bar{X}$
	1	2	3	
400	8,3034	8,2016	8,1020	8,2023
410	9,7991	10,8137	12,9455	11,1861
420	14,7392	11,0400	14,3069	13,3620
430	11,7423	13,8978	15,5714	13,7371
440	21,7383	24,5200	13,7229	19,9937
450	21,3326	17,1297	21,7383	20,0669
460	18,3927	18,6206	18,6977	18,5704
470	17,3960	18,9329	17,9526	18,0938
480	20,6566	21,2335	19,0928	20,3276
490	18,6206	19,3375	20,2883	19,4155
500	17,9526	21,5336	20,4709	19,9857
510	16,1967	15,5714	16,9351	16,2344
520	15,5168	17,2619	16,2559	16,3449
530	13,8536	13,4266	13,7662	13,6821
540	13,1420	12,6423	12,1081	12,6308
550	11,7101	11,7747	11,1565	11,5471
560	11,3054	11,7101	11,1272	11,3809
570	12,0740	11,9060	11,1860	11,7220
580	10,4635	10,7036	10,8415	10,6695
590	10,8415	9,9399	10,6225	10,4680
600	9,2494	10,5424	9,4407	9,7442
610	9,2494	9,1054	9,5501	9,3016
620	9,8223	8,5501	9,2286	9,2003
630	7,6497	8,1020	8,5501	8,1006
640	6,3124	6,6663	6,6088	6,5292
650	4,9664	5,6516	5,5912	5,4031
660	3,6127	3,7965	7,8643	3,7578
670	2,7605	2,9053	2,8766	2,8475
680	1,6060	1,7054	1,7306	1,6807
690	1,0347	1,0719	1,1131	1,0732
700	0,6210	0,6604	0,6834	0,6550

Lampiran 3. Nilai Standar Deviasi pada Panjang Gelombang ( $\lambda$ ) 480 nm

Konsentrasi (g/l)	Nilai K/S			Standar Deviasi
	1	2	3	
Permulsin NSI dan Levesol CF-G11 0,25	25,0513	24,7829	25,3253	0,2214
Rapid DM 5535 0,25	24,1356	23,7276	22,2666	0,8076
Rapid DM 5535 0,5	24,7829	25,1876	26,4816	0,7245
Rapid DM 5535 0,75	26,7868	27,5802	27,4176	0,3422
Rapid DM 5535 1,0	20,6566	21,2335	19,0928	0,9044