

DATA TABLES

Table. 1 : Values of Transmittance% and Absorbance of the the Three Samples

	First Sample				Second Sample				Third Sample			
EDTA Volume (mL)	50.0000				50.0000				50.0000			
pH Value	4.0000				4.5000				5.0000			
Water Bath Temp. (C)	22.0000				22.0000				22.0000			
Cr(III) drops	7				6				5			
Time	%T	A	A _{cr(III)}	log(ACR(III))	%T	A	A _{cr(III)}	log(ACR(III))	%T	A	A _{cr(III)}	log(ACR(III))
5 minutes	80.0000	0.0969	0.9489	-0.0228	83.0000	0.0809	0.5767	-0.2391	79.0000	0.1024	0.6935	-0.1589
10 minutes	79.0000	0.1024	0.9434	-0.0253	81.0000	0.0915	0.5661	-0.2471	80.0000	0.0969	0.6990	-0.1555
15 minutes	77.0000	0.1135	0.9323	-0.0304	74.0000	0.1308	0.5268	-0.2783	62.0000	0.2076	0.5883	-0.2304
20 minutes	74.0000	0.1308	0.9150	-0.0386	77.0000	0.1135	0.5441	-0.2643	57.0000	0.2441	0.5518	-0.2582
25 minutes	75.0000	0.1249	0.9209	-0.0358	72.0000	0.1427	0.5149	-0.2882	53.0000	0.2757	0.5202	-0.2838
30 minutes	75.0000	0.1249	0.9209	-0.0358	59.0000	0.2291	0.4285	-0.3681	48.0000	0.3188	0.4771	-0.3214
35 minutes	63.0000	0.2007	0.8451	-0.0731	55.0000	0.2596	0.3980	-0.4002	39.0000	0.4089	0.3870	-0.4123
40 minutes	56.0000	0.2518	0.7940	-0.1002	53.0000	0.2757	0.3819	-0.4181	41.0000	0.3872	0.4087	-0.3886
45 minutes	62.0000	0.2076	0.8382	-0.0767	50.0000	0.3010	0.3566	-0.4479	40.0000	0.3979	0.3980	-0.4002
50 minutes	60.0000	0.2218	0.8240	-0.0841	45.0000	0.3468	0.3108	-0.5075	35.0000	0.4559	0.3400	-0.4686
55 minutes	59.0000	0.2291	0.8167	-0.0880	44.0000	0.3565	0.3011	-0.5214	32.0000	0.4949	0.3010	-0.5214
60 minutes	60.0000	0.2218	0.8240	-0.0841	40.0000	0.3979	0.2597	-0.5856	31.0000	0.5086	0.2873	-0.5417
65 minutes	59.0000	0.2291	0.8167	-0.0880	38.0000	0.4202	0.2374	-0.6245	30.0000	0.5229	0.2730	-0.5638
70 minutes	54.0000	0.2676	0.7782	-0.1089	42.0000	0.3768	0.2808	-0.5515	32.0000	0.4949	0.3010	-0.5214
75 minutes	46.0000	0.3372	0.7086	-0.1496	43.0000	0.3665	0.2911	-0.5360	29.0000	0.5376	0.2583	-0.5879
80 minutes	46.0000	0.3372	0.7086	-0.1496	41.0000	0.3872	0.2704	-0.5680	27.0000	0.5686	0.2273	-0.6435
85 minutes	37.0000	0.4318	0.6140	-0.2118	46.0000	0.3372	0.3204	-0.4944	26.0000	0.5850	0.2109	-0.6760
90 minutes	38.0000	0.4202	0.6256	-0.2037	47.0000	0.3279	0.3297	-0.4819	29.0000	0.5376	0.2583	-0.5879
95 minutes	49.0000	0.3098	0.7360	-0.1331	41.0000	0.3872	0.2704	-0.5680	24.0000	0.6198	0.1761	-0.7542

100 minitues	46.0000	0.3372	0.7086	-0.1496	35.0000	0.4559	0.2017	-0.6954	23.0000	0.6383	0.1576	-0.8024
After 10 mins Heating	9.0000	1.0458	0.0000	-4.3715	22.0000	0.6576	0.0000	-4.6443	16.0000	0.7959	0.0000	-4.6993

[illegible]

1.0458	0.6576	0.7959
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