

Batch 7F6 Summary of Results of Temperature and Humidity Dependence

Irradiation Dose kGy	Temperature C	Specific Absorbance at 600 nm					
		Relative Humidity of Conditioning					
		20	30	40	50	60	80
7	-78	7.25	7.50	7.57	7.65	7.63	7.84
	-30	9.26	9.47	9.40	9.51	9.25	8.63
	0	10.08	10.21	10.30	10.41	10.19	8.34
	20	11.14	11.22	10.91	10.57	10.01	7.99
	40	11.65	11.50	11.02	10.60	10.27	8.35
	60	12.38	12.12	11.76	11.40	10.96	9.59
15	-78	15.12	15.13	15.35	15.27	15.32	14.37
	-30	19.07	18.92	19.06	18.74	18.68	16.59
	0	19.38	19.58	19.88	19.98	19.59	15.62
	20	21.43	21.62	21.35	20.23	19.65	15.26
	40	22.65	22.64	21.55	20.36	19.93	15.08
30	-78	24.84	25.93	25.27	26.39	25.78	24.20
	-30	28.67	30.35	29.12	30.90	28.80	27.09
	0	29.15	30.13	31.29	30.59	28.00	25.04
	20	32.19	31.43	32.83	31.04	30.80	22.98
	40	33.36	31.03	31.74	30.34	28.81	22.35
	60	32.74	32.06	33.77	31.13	27.68	19.55

Specific Absorbance at 510 nm						
Relative Humidity of Conditioning						
20	30	40	50	60	80	
0.66	0.69	0.68	0.66	0.68	1.61	
0.85	0.83	0.63	0.91	0.83	1.45	
0.97	0.94	0.96	0.98	0.92	1.48	
1.08	1.04	0.99	0.98	0.97	1.60	
1.07	1.02	0.96	0.92	0.93	1.44	
1.12	1.14	1.07	1.08	1.09	2.68	
1.40	1.40	1.40	1.33	1.31	1.99	
1.86	1.81	1.80	1.72	1.74	2.33	
1.86	1.86	1.88	1.78	1.77	2.12	
2.14	2.13	2.04	1.88	1.84	2.26	
2.17	2.16	2.01	1.83	1.83	2.23	
2.41	2.53	2.41	2.58	2.42	2.98	
3.03	3.17	3.08	3.15	3.00	3.36	
3.24	3.32	3.41	3.27	3.16	3.16	
3.66	3.60	3.63	3.39	3.21	2.94	
3.90	3.62	3.51	3.32	3.04	2.85	
3.92	3.68	3.75	3.43	3.11	3.58	