



# FAR WEST TECHNOLOGY, INC.

330 D South Kellogg Ave.  
Goleta, California 93117  
USA

Phone: +1 805 964-3615  
Fax: +1 805 964-3162  
E-mail: info@fwt.com

## FWT-60-00 Batch 7F7 Characterization Studies Co<sup>60</sup> Dose Rate Approximately 9.6 kGy/hr

<b>Typical Calibration</b> at 24 °C and 50 %RH		
Dose (kGy)	Average Specific Net Absorbance	
	600 nm	510 nm
1	1.77	
5	8.35	0.95
10	15.83	1.82
30	39.72	4.75
50	56.23	7.23
70	63.38	9.21
100	64.80	11.61

<b>Temperature Dependence</b> at 30 kGy and 50 %RH		
Temperature deg. C	Average Specific Net Absorbance	
	600 nm	510 nm
-76	28.29	3.29
0	38.03	4.68
20	40.03	4.81
30	40.01	4.75
40	39.55	4.75
50	39.44	4.82

<b>Humidity Dependence</b> at 30 kGy and 24 °C		
Humidity % RH	Average Specific Net Absorbance	
	600 nm	510 nm
30	40.73	4.86
40	40.07	4.76
50	39.80	4.66
60	37.31	4.35

<b>Coefficient of Variation of Specific Absorbance at 30 kGy</b>	
600 nm	510 nm
1.6%	2.2%