

SUPPORTING INFORMATION

Revisiting the reaction of hydroxyl radicals with 1,2-diols in water

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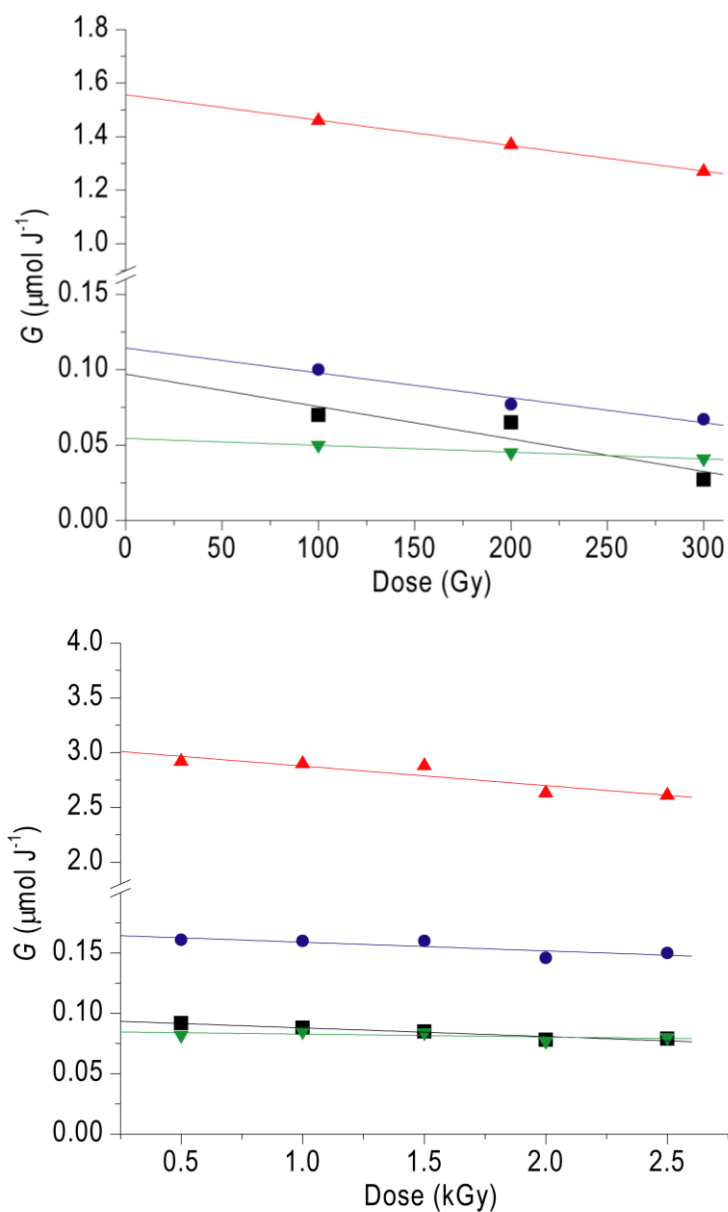


Figure S1 Radiation chemical yields (G) of HCHO (\blacktriangledown), CH_3CHO (\bullet), acetone (\blacktriangle) and $\text{CH}_3\text{CH}_2\text{CHO}$ (\blacksquare) vs dose from the experiments of 0.2 M (upper) and 2.0 M (lower) propane-1,2-diol (cf. Figure 3). The G values extrapolated to zero dose are reported in Table 2.

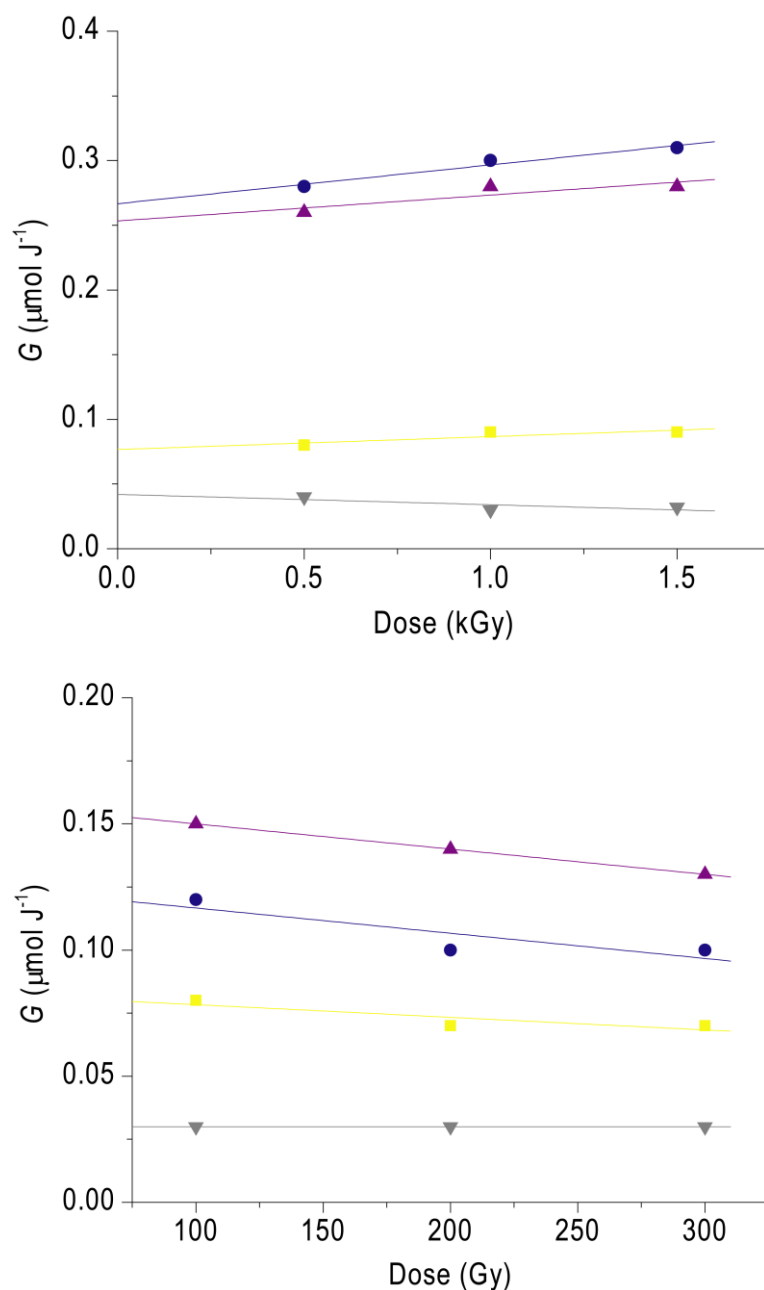


Figure S2 Radiation chemical yields (G) of 3-hydroxybutan-2-one (■), CH_3CHO (●), butan-2-one (▲) and unknown carbonyl product (▼) vs dose from the experiments of 0.2 M (upper) and 2.0 M (lower) butane-2,3-diol (cf. Figure 4). The G values extrapolated to zero dose are reported in Table 3.