

Fig. 3 Representative EPR spectra for SPW-aged AlĲOH)3·TiO2 ENM exposed

to UV light for 7 minutes in the presence of DEPMPO spin trap (experimental

spectrum in black and the corresponding simulation in red).

The characteristic pair of 1 : 2 : 2 : 1 peaks is apparent with hyperfine

couplings matching that of a DEPMPO-hydroxyl radical spin adduct.

This data comes off the instrument as a graph.