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Electronic Supplementary Information

Portable, disposable, and low-cost optodes for sulphide and thiols detection

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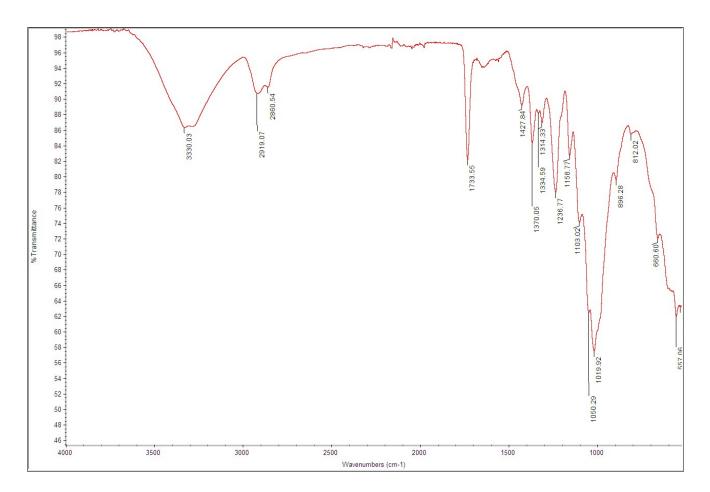


Figure s1 – ATR-IR spectrum of CC.

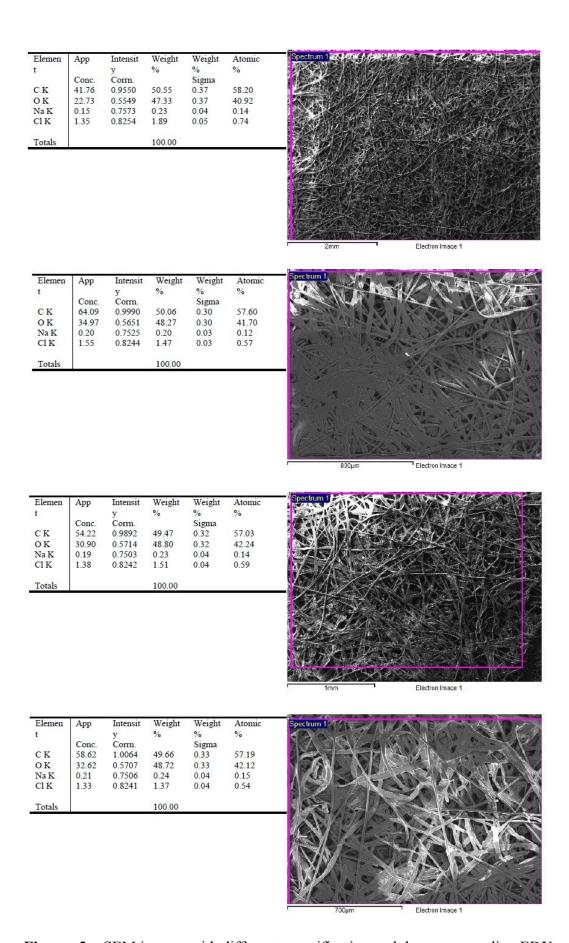


Figure s2 – SEM images with different magnification and the corresponding EDX analysis.

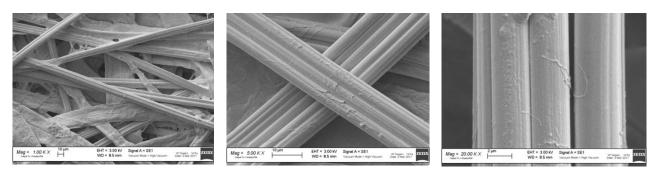


Figure s3 - Electronic microscope imagines of the bare Colour Catcher® at different magnification order.

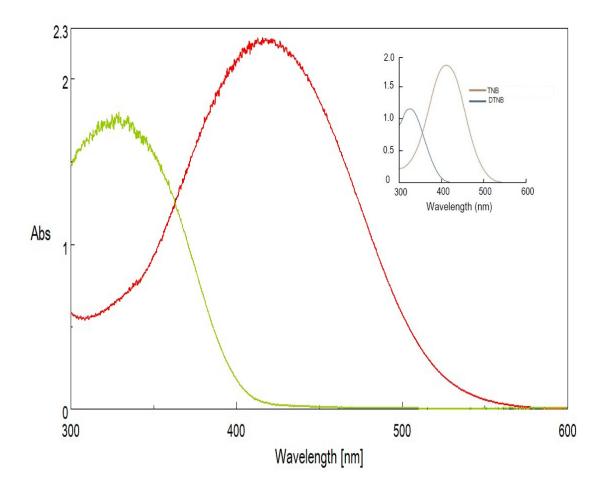


Figure s4 – UV-vis spectra of the ELL-CC (DTNB fixed on the CC, green line) and of the product TNB-CC (red line) obtained after reaction with sulphides or thiols. The spectra in the box are the same obtained in solution.