

Self-assembled SnO₂ micro- and nanospheres-based gas sensor thick films from alkoxide-derived high purity aqueous colloid precursor

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Supporting Information

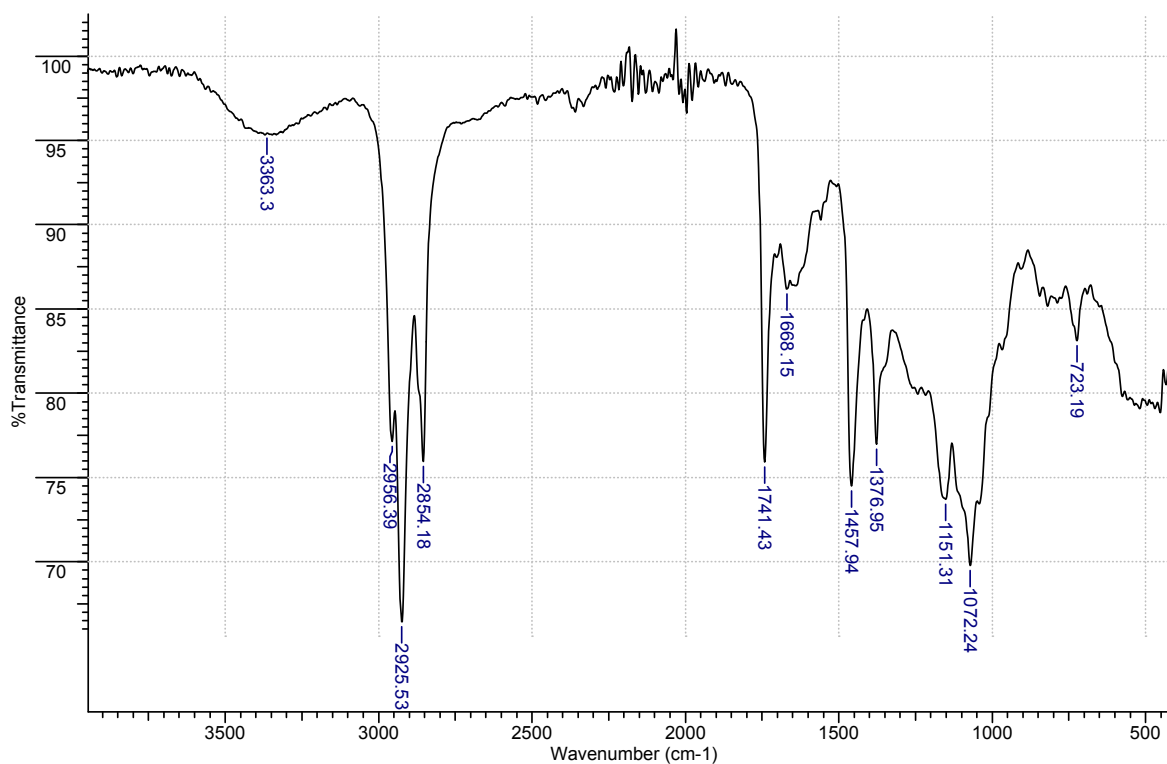


Figure S1: An IR spectrum of dark-brown solid obtained as a result of concentration of the butanol layer formed during precursor preparation. The spectrum proves presence of C=O (1741 cm^{-1}) and C-O (1072 cm^{-1}) as ester groups, which probably originate from esterification of disproportionation products of butanol. Intense color of the substance is probably related to condensation of intermediates of butanol oxidation.