

Heterobimetallic $\text{Zn}^{2+}/\text{Co}^{2+}$ Monocarboxylates as Precursors for ZnO Microparticles Doped with Cobalt and its Photocatalytic Activity in Methyl Orange Oxidation

Hélder Inocência Ferreira Correa, Ralf Ricardo Ramalho Jr, Adhimar Flávio Oliveira, Fábio da Silva Lisboa*

Physics and Chemistry Institute of the Federal University of Itajubá (IFQ/UNIFEI), BPS Avenue, 1303, ZIP Code 37500-903, Itajubá-MG, Brazil.

Received: 19th September 2024; Revised: 1st November 2024; Accepted: 2nd November 2024
Available online: 10th November 2024; Published regularly: December 2024



SUPPORTING INFORMATION FOR DOI: [10.9767/bcrec.20111](https://doi.org/10.9767/bcrec.20111)

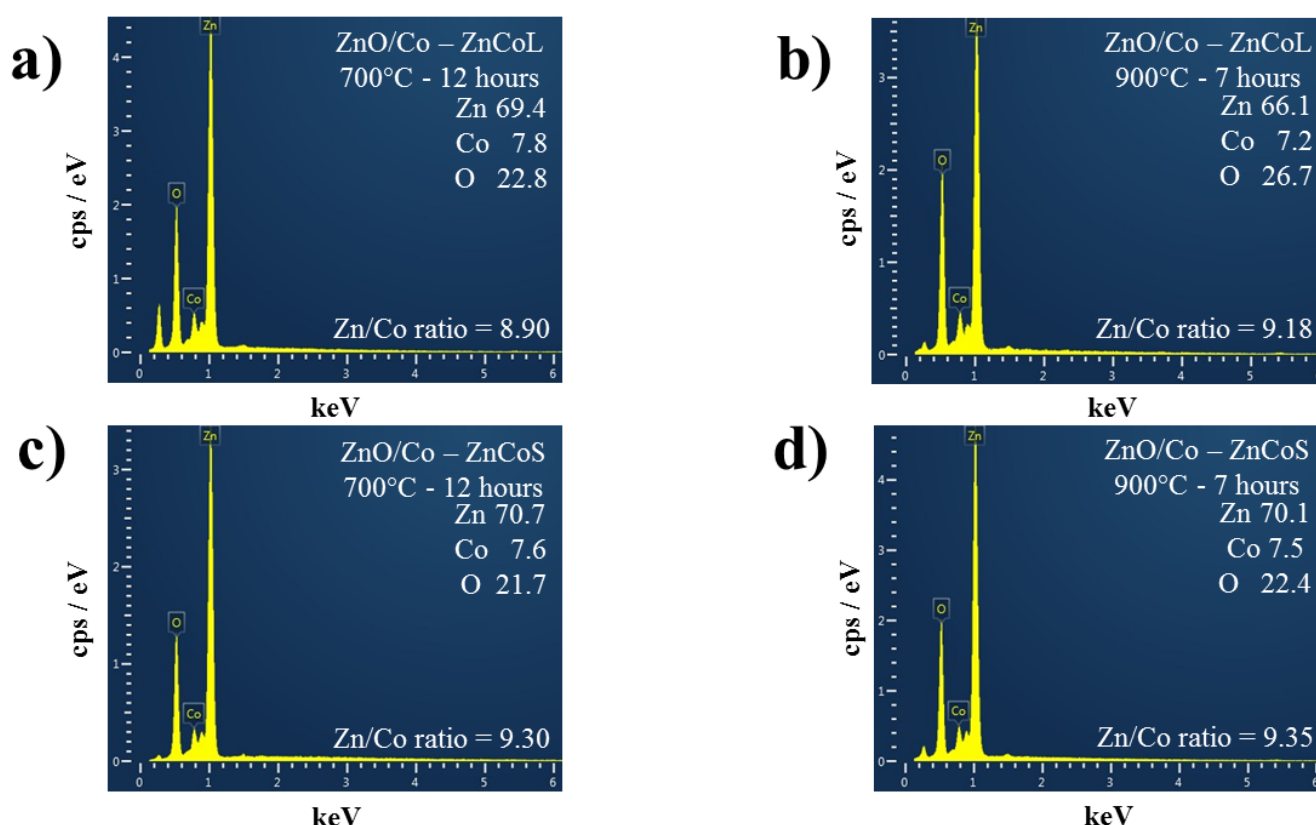


Figure S1. Energy dispersive X-ray spectra

* Corresponding Author.
Email: fabiolisboa@unifei.edu.br (F. S. Lisboa)

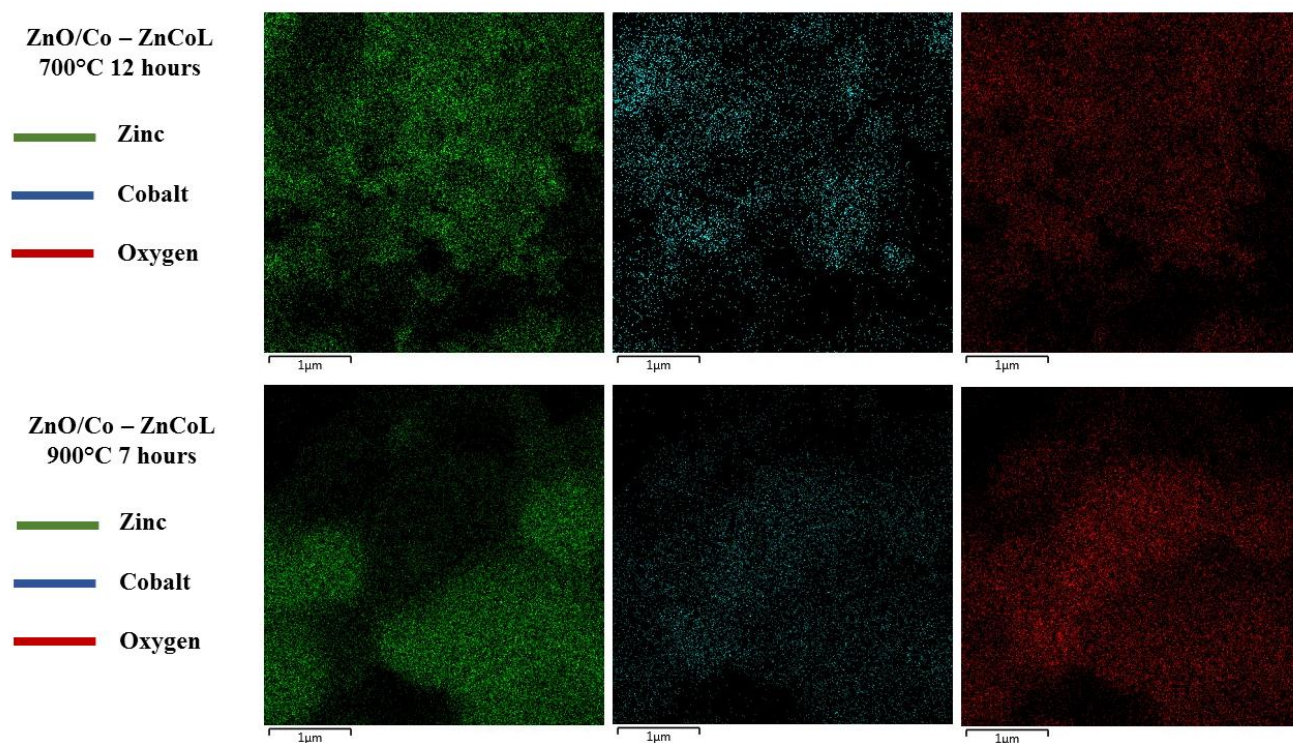


Figure S2: Elemental mapping.

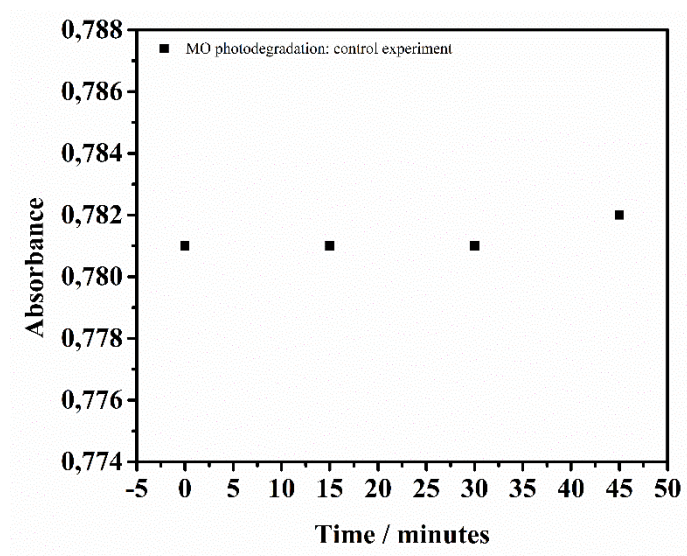


Figure S3: Graphic of methyl orange control experiments.