



Cite this: *New J. Chem.*, 2025, 49, 6074

DOI: 10.1039/d5nj90047f

rsc.li/njc

Expression of concern: Deep eutectic solvent mediated synthesis and fabrication of a WO₃–MgO nanocomposite as an electrode material for energy storage applications

C. Joel,^a R. Biju Bennie,^{*a} A. Jerold Antony,^b A. Nirmal Paul Raj^a and G. Selvakumar^a

Expression of concern for 'Deep eutectic solvent mediated synthesis and fabrication of a WO₃–MgO nanocomposite as an electrode material for energy storage applications' by C. Joel *et al.*, *New J. Chem.*, 2023, **47**, 2797–2808, <https://doi.org/10.1039/D2NJ05642A>.

The Royal Society of Chemistry is publishing this Expression of concern to alert readers that concerns have been raised regarding the nature of the solvent system used in this manuscript.

The concerns relate to the melting point and viscosity measurements reported in the original manuscript and the associated correction, and are supported by a member of the Editorial Board with appropriate experience.

While the overall conclusions of the manuscript are considered sound, these concerns cast doubt over the classification of the cetyltrimethylammonium bromide (CTAB)/urea/glycerol system as a deep eutectic solvent (DES).

Sally Howells-Wyllie

14th March 2025

Executive Editor, *New Journal of Chemistry*

^a Postgraduate Department of Chemistry, St. John's College, Tirunelveli-627002, Tamil Nadu, India. E-mail: bijubennie1986@yahoo.com

^b Department of Chemistry, St. Xavier's College (Autonomous), Tirunelveli-627002, Tamil Nadu, India

