

Supporting Information

Influence of the Ferroelectric Nature of Lithium Niobate to Drive Photocatalytic Dye Decolourisation under Artificial Solar Light

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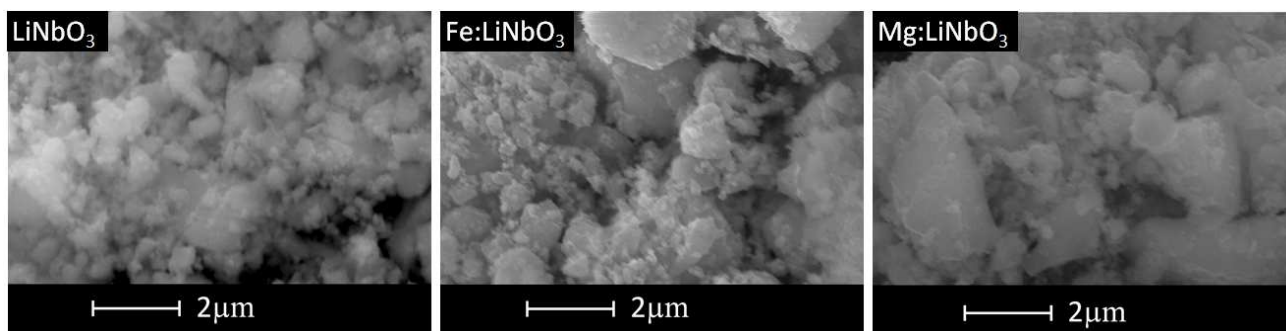


Figure S1 – SEM micrographs of powders used for photodecolourisation. Details of the measured surface areas can be found in Table 1 of the main text.

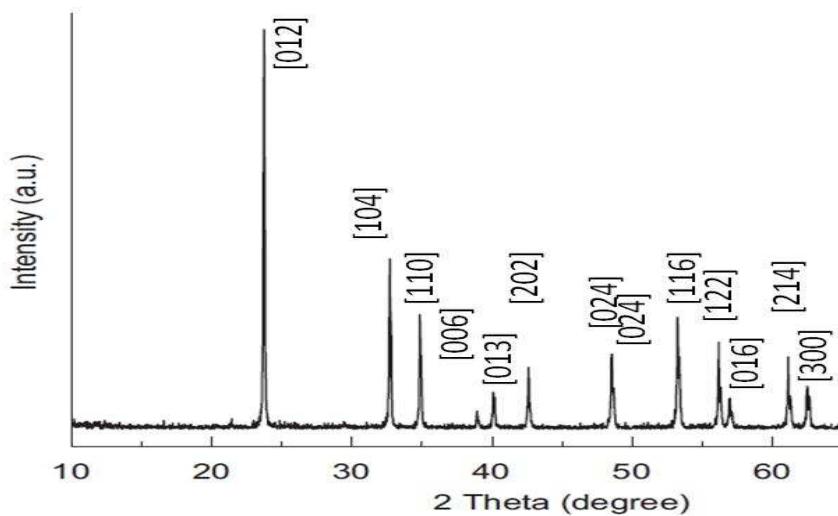


Figure S2, XRD pattern for a typical sample of LiNbO₃ powder, no differences were seen with any powder tested indicating single phase material in all cases. Indexed from Kumar *et al.*¹

References

- ¹ Kumar, P.; Moorthy Babu, S.; Perero, S.; Sai, R. L.; Bhaumik, I., Ganesamoorthy, S.; and Karnal, A. K. *Pramana Journal of Physics*, **2010**, 75, 5, 1035-1040.