

# Green Chemistry

Cutting-edge research for a greener sustainable future

[rsc.li/greenchem](https://rsc.li/greenchem)

Volume 27  
Number 39  
21 October 2025  
Pages 11989-12488



ISSN 1463-9262

## PAPER

Jack W. E. Jeffries, Helen C. Hailes *et al.*

The discovery of new metagenomic urethanases  
utilising a novel colorimetric assay for applications in the  
biodegradation of polyurethanes