



**Showcasing research from Professor Ivo M. Raimundo Jr. laboratory, member of the Group for Instrumentation and Automation in Analytical Chemistry (GIA), Institute of Chemistry, University of Campinas, São Paulo, Brazil.**

A solid substrate based on clay minerals for sampling organic liquids in molecular LIBS analysis

The use of a porous solid substrate based on a thermally treated mixture of bentonite and sepiolite for sampling organic liquids, such as toluene, triethylamine, diesel and gasoline fuels, allows molecular Laser-Induced Breakdown Spectroscopy measurements with insignificant spectral interference from the support.

### As featured in:



See Ivo M. Raimundo *et al.*,  
*J. Anal. At. Spectrom.*,  
2024, **39**, 1024.