



Showcasing research from Professor Xia's laboratory, Guangzhou Institute of Geochemistry, Chinese Academy of Sciences, Guangzhou, China.

Ultralow H<sub>2</sub>O content analysis with a large-geometry secondary ion mass spectrometer

An improved LG-SIMS (CAMECA IMS 1280-HR) procedure for achieving sub-ppm LOD for water analysis, *via* enhancing the cooling trap with a temperature-controlled drop-in cooler that displaces liquid nitrogen.

As featured in:



See Xiao-Ping Xia, Qing Yang *et al.*, *J. Anal. At. Spectrom.*, 2024, **39**, 1070.