



## Retraction: Laser produced plasma diagnosis of carcinogenic heavy metals in gallstones

Cite this: *J. Anal. At. Spectrom.*, 2019, **34**, 2476

Jeanne Andres

DOI: 10.1039/c9ja90059d

Retraction of 'Laser produced plasma diagnosis of carcinogenic heavy metals in gallstones' by Mohammad A. Gondal *et al.*, *J. Anal. At. Spectrom.*, 2016, **31**, 506–514.

[www.rsc.org/jaas](http://www.rsc.org/jaas)

The Royal Society of Chemistry hereby wholly retracts this *Journal of Analytical Atomic Spectrometry* article due to concerns that the paper has crucial errors in the data. There is disagreement over the identification of spectral lines, as they do not agree with reference standards. The procedures used are not fully explained with regards to conditions and controls. This suggests that the elements have been misidentified which calls into question the conclusions of the paper. The authors' explanation for this discrepancy has been unsatisfactory. The editor is therefore retracting the paper to maintain the validity of the scientific record.

The authors, Mohammad A. Gondal, Mohamed A. Shemis, Ahmed A. I. Khalil, Mohamed M. Nasr and Bilal Gondal, do not agree with the retraction.

Retraction endorsed by Jeanne Andres, Executive Editor, *Journal of Analytical Atomic Spectrometry*, 15th October 2019.

