



RETRACTED ARTICLE: Direct quantification of iodine in nuclear wastes using DRC-ICP-MS

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The authors have retracted this article [1] because of a systematic bias in the analysis. After reviewing the ICP-MS analysis method, the authors identified a polyatomic bias molybdenum dioxide that resulted in a major positive bias detection for Iodine-127 and Iodine-129. The method bias lead to the authors reporting in a value that had no relation to the concentration of iodine in the tank waste; no iodine values reported within this redacted article should be used in any relation to Hanford tank waste. Additionally, the authors would like to clarify that, due to an error, where it is stated that a sample of waste from Hanford Tank 241-AP-107 was being analyzed, the sample being analyzed was actually Hanford Tank 241-AP-105.

All authors agree to this retraction.

Supplementary Information The online version contains supplementary material available at (<https://doi.org/10.1007/s10967-020-07240-3>).

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Reference

1. Adams KA, Morrison SS, Cherkasov DE et al (2020) Direct quantification of iodine in nuclear wastes using DRC-ICP-MS. *J Radioanal Nucl Chem.* <https://doi.org/10.1007/s10967-020-07240-3>

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