



ACDS response to LANDAUER product discontinuation notice for nanoDot™ OSLD

04 January 2024

ACDS utilizes LANDAUER nanoDot™ OSLDs and microSTARii® readers for its Level I dosimetry audit program covering Australia and New Zealand. On the 15th November 2023, LANDAUER released a follow-up public statement to its previous August statement, which is [a recall notice for its microSTARii® readers](#). Additionally, this new statement updated its [recall notice for the nanoDot™ OSLDs](#) and issued [a product discontinuation notice for its nanoDot™ OSLD program](#). LANDAUER has performed these actions on the basis of inconsistency in LANDAUER supplied element correction factors (ECF).

ACDS does not, and has never, utilised the LANDAUER supplied ECF, but has instead developed a comprehensive quality assurance method which encapsulates individual OSLD ECFs, parameters for each OSLD batch, operational parameters for every microSTAR reader (both models i & ii) down to the component level for each microSTAR reader the ACDS has ever used. ACDS has published in the peer-reviewed literature and presented at multiple national and international conferences on all these developments, see below for references.

The ACDS will continue to operate its Level I audit with OSLD detectors for the time being, given our inhouse capabilities. We will continue to monitor and further develop its quality control system to ensure that quality is maintained, and will continue to publicly present this data in conferences and publications. ACDS is currently actively reviewing alternative technologies and suppliers with a view to commissioning an alternative solution for Level I audits, and have also engaged with International peers who have been impacted by LANDAUER's decision.

References

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