



## U.S. DEPARTMENT OF COMMERCE

National Institute of Standards & Technology  
Gaithersburg, MD 20899

# Certificate of Participation

*Eckert & Ziegler Nuclitec GmbH*  
*Braunschweig, Germany*

is a participant for the period January 1, 2021, through December 31, 2021, in a radioactivity measurements assurance program conducted by the National Institute of Standards and Technology, in cooperation with U.S. Radioisotope Metrology Associates. Continued participation is evidenced by dated Reports of Traceability issued for particular radionuclides, which indicate the deviation of the participant's reported value from that measured by the National Institute of Standards and Technology. The significance of these Reports is addressed on the back of this certificate.

For the Director,

A handwritten signature in blue ink, appearing to read "B. Zimmerman", written over a horizontal line.

Brian E. Zimmerman, Leader  
Radioactivity Group  
Physical Measurement Laboratory  
(over)

As guidance for the proper use of Reports of Traceability, it should be emphasized that the National Institute of Standards and Technology is concerned only with fostering good measurements capability and consistency with the national measurements system. The assurance of the proper application of that capability to the ultimate consumer products is the responsibility of each manufacturer of these products and of the Federal regulatory agencies.

A continuing traceability program in radioactivity demonstrates, to the degree established by the periodic assays of calibrated radioactivity samples, a continuing competence to maintain the methods and standards necessary for accurate measurement. Such a program cannot, however, endorse each and every measurement nor the final product, any more than a spot check can vouch for every unchecked item. Care should be taken, therefore, not to imply such endorsement. The proper use of Reports of Traceability is governed by section 200.114 of Title 15 of the Code of Federal Regulations. These regulations may be met if Reports are quoted only in their entirety. Excerpts out of context may be misleading.