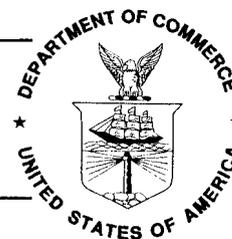


## Scope of Accreditation



CALIBRATION LABORATORIES

NVLAP LAB CODE 200419-0

### OHIO E.M.A RADIOLOGICAL INSTRUMENT CALIBRATION FACILITY

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### IONIZING RADIATION DOSIMETRY

*NVLAP Code:* 20/I01

Dosimetry of X-Rays, Gamma Rays, and Electrons

#### Calibration of Survey Instruments

<i>Calibration Category</i>	<i>Radiation Type or Beam Code</i>	<i>Nominal Intensity Range</i>	<i>Uncertainty of Reference Field (<math>\pm</math>)<sup>note 1</sup></i>	<i>Remarks</i>
Gamma	<sup>137</sup> Cs	1 R/hr to 500 R/hr	5.0%	Source 1
	<sup>137</sup> Cs	> 10 mR/hr to 5 R/hr	5.0%	Source 2
	<sup>137</sup> Cs	> 10 mR/hr to 50 mR/hr	5.0%	Source 3
	<sup>137</sup> Cs	0.1 mR/hr to 10mR/hr	7.0%	Source 3

1. Represents an expanded uncertainty using a coverage factor, k=2.

September 30, 2005

Effective through

For the National Institute of Standards and Technology