



ANSI National Accreditation Board

**SCOPE OF ACCREDITATION TO:
ISO/IEC 17025:2017
Accreditation Requirements for Forensic Testing and Calibration (2023)**

**Indiana State Department of Toxicology
Breath Alcohol Calibration**

550 West 16th Street, Suite A
Indianapolis, Indiana 46202 USA

FORENSIC CALIBRATION

Expiry Date: 31 August 2027

Certificate Number: FC-0012

Discipline – Toxicology

Component Calibrated ¹	Calibration Method	Breath Alcohol Instrument Reporting Range	Expanded Uncertainty of Measurement ²	Metrological Traceability
			(g of ethanol/210 L of vapor)	
Electrochemical Oxidation ³	Intox EC/IR II Instrument Inspection	0.006 – 0.440g ethanol/210 L vapor	0.020 ± 0.001 g/210L 0.082 ± 0.003 g/210L 0.150 ± 0.005 g/210L 99%, k=3.25	Barometer Certified Reference Material

Note 1: Component calibrated indicates the breath alcohol measuring instrument detector(s) used for measuring breath alcohol. Detector(s) used for qualitative purposes will not be listed on the Scope of Accreditation.

Note 2: The expanded uncertainty is expressed at the stated coverage probability (e.g., 95.45%) and coverage factor (e.g., k = 2). The actual measurement uncertainty reported on a certificate of calibration will be equal to or greater than the expanded uncertainty of measurement stated on this scope.

Note 3: This instrument also employs Infrared Spectrometry for qualitative purposes.

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