



# CERTIFICATE OF ACCREDITATION

**The ANSI National Accreditation Board**

Hereby attests that

**San Mateo County Sheriff's Office  
Forensic Laboratory-Breath Alcohol Calibration  
50 Tower Road, San Mateo, California 94402 USA**

Fulfills the requirements of

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

In the field of

**Forensic Calibration**

This certificate is valid only when accompanied by a current scope of accreditation document.  
The current scope of accreditation can be verified at [www.anab.org](http://www.anab.org).

Pamela L. Sale, Vice President, Forensics

Expiry Date: 31 July 2027  
Certificate Number: FC-0025





**ANSI National Accreditation Board**

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

**San Mateo County Sheriff's Office  
Forensic Laboratory-Breath Alcohol Calibration**  
50 Tower Road  
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**FORENSIC CALIBRATION**

Expiry Date: 31 July 2027

Certificate Number: FC-0025

**Discipline – Toxicology**

<b>Component Calibrated<sup>1</sup></b>	<b>Calibration Method</b>	<b>Breath Alcohol Instrument Reporting Range</b>	<b>Expanded Uncertainty of Measurement<sup>2</sup></b>	<b>Metrological Traceability</b>
Infrared Spectroscopy <sup>3</sup>	Breath Alcohol Operating Procedures	0.000-0.630 g of ethanol/210 L of vapor	0.000-0.049 +/- 0.001 g of ethanol /210L of vapor  0.050- 0.089 +/- 0.002 g of ethanol/210L of vapor  0.090-0.159 +/- 0.004 g of ethanol/210L of vapor  0.160-0.630 +/- 0.005 g of ethanol/210L of vapor	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 Electrochemical Oxidation for qualitative purposes.

Pamela L. Sale  
Vice President, Forensics

