



ANSI National Accreditation Board

**SCOPE OF ACCREDITATION TO:
ISO/IEC 17025:2017**

Accreditation Requirements for Forensic Testing and Calibration (2023)

Jefferson County Regional Crime Laboratory

5030 Hwy 69 South, Suite 500
Beaumont, Texas 77705 USA

FORENSIC CALIBRATION

ISO/IEC 17025 Accreditation Granted: 28 February 2014

Certificate Number: FC-0020

Certificate Expiry Date: 28 February 2027

Discipline – Toxicology - Breath Alcohol Instrument Calibration

Component Calibrated ¹	Calibration Method	Breath Alcohol Instrument Reporting Range	Expanded Uncertainty of Measurement ²	Metrological Traceability
Infrared Spectroscopy	Breath Alcohol Calibration Procedure Manual 4/200	0.000-0.040g ethanol/210L vapor	0.001 +/- g of ethanol/210L of vapor	Certified Reference Material Thermometer
		0.041-0.080g ethanol/210L vapor	0.001 +/- g of ethanol/210L of vapor	
		0.081-0.150g ethanol/210L vapor	0.002 +/- g of ethanol/210L of vapor	
		0.151-0.400g ethanol/210L vapor	0.005 +/- g of ethanol/210L of vapor	
			99%, $k=2.977$	

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.

Pamela L. Sale
Vice President, Forensics

This Scope of Accreditation, version 007, was last updated on: 03 February 2025 and is valid only when accompanied by the Certificate.

Page 1 of 1

