



**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**

Expiry Date: 28 February 2027

Certificate Number: FC-0020

**Discipline – Toxicology**

Component Calibrated <sup>1</sup>	Calibration Method	Breath Alcohol Instrument Reporting Range	Expanded Uncertainty of Measurement <sup>2</sup>	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%, <i>k</i> =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.

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Vice President, Forensics

