

# GBI COASTAL REGIONAL LABORATORY

## Scope of Accreditation

07-FQS-I-20-CORL

**Field of Testing: Forensic Testing**

### MATERIALS EXAMINED

Category	Sub Category	Analytical Technique*
Controlled Substances	• Controlled pharmaceutical and illicit drugs, related chemicals and paraphernalia	2.1, 2.2, 2.3, 3.1, 3.2, 4.5 and 8.0
	• Botanical material	1.2, 2.1, 2.2, 2.3, 3.2, 4.5, 7.1 and 8.0
Trace Chemistry-Flammables	• Recovery	8.0
Toxicology	• Drugs and poisons in blood, urine and biological specimens	1.1, 1.2, 2.0, 3.1, 3.2 and 8.0
	• Alcohol testing	2.1 and 8.0
Biology	• Biological screening	1.1, 1.2, 7.1 and 8.0
	• DNA in forensic casework	5.1, 6.1.1, 6.1.2, 6.2 and 8.0
Firearms	• Firearms identification and examination	4.1, 4.4, 4.5, 7.1 and 8.0
	• Toolmarks	4.1, 4.4, 4.5, 7.1 and 8.0
	• Filament	4.5, 7.1 and 8.0
	• Distance determination	1.2, 4.4, 4.5, 7.1 and 8.0
	• Databasing o NIBIN Test-Fire	8.0
	• Serial number restoration	7.1 and 8.0

# GBI COASTAL REGIONAL LABORATORY

## Scope of Accreditation

07-FQS-I-20-CORL

### \*ANALYTICAL TECHNIQUE / TEST METHOD

1.0	Chemical Screening Tests
1.1	Immunoassay
1.2	Color
1.3	Microchemical
2.0	Chromatography
2.1	GC
2.2	LC
2.3	TLC
2.4	Data analysis
3.0	Spectroscopy
3.1	Ultraviolet, Visible Spectrophotometry, Infrared, Raman
3.2	Mass Spectrometry
3.3	X-ray Fluorescence
3.4	Other
3.5	Data analysis
4.0	Physical Examination
4.1	Striation Comparison
4.2	Physical reconstruction
4.3	Friction ridge analysis
4.4	Pattern Comparison, Pattern Recognition
4.5	Physical measurements (e.g., weight, volume, etc.)
5.0	Electrophoresis
5.1	Capillary
5.2	Gel
5.3	Other
6.0	Genetic Analysis
6.1	DNA-PCR
6.1.1	Autosomal STR
6.1.2	Y-STR
6.1.3	Other
6.2	Data analysis
6.3	Non-DNA marker
7.0	Microscopy
7.1	Optical
7.2	Electron
8.0	General Laboratory Procedures