

**Philadelphia Police Department Forensic Science Bureau**  
**Scope of Accreditation**  
**FQSI-Philadelphia PD Crime Laboratory -006**

**Field of Testing: Forensic Testing**

**MATERIALS EXAMINED**

<b>Category</b>	<b>Sub Category</b>	<b>Analytical Technique*</b>
Controlled Substances	<ul style="list-style-type: none"> <li>• Controlled pharmaceutical and illicit drugs, related chemicals and paraphernalia</li> </ul>	1.1, 1.2, 4.1, 5.1.1, 5.2, 5.3, 6.1, 8.0
	<ul style="list-style-type: none"> <li>• Botanical material</li> </ul>	4.1, 5.1.1, 6.1, 7.1, 8.0
Trace Chemistry-Flammables	<ul style="list-style-type: none"> <li>• Recovery</li> </ul>	8.0
	<ul style="list-style-type: none"> <li>• Identification</li> </ul>	5.1.1
Biology	<ul style="list-style-type: none"> <li>• Biological fluid id</li> </ul>	1.1, 1.3, 7.1, 8.0
	<ul style="list-style-type: none"> <li>• DNA in forensic casework</li> </ul>	2.1.1, 2.2, 3.1, 8.0
	<ul style="list-style-type: none"> <li>○ CODIS</li> </ul>	
Crime Scene	<ul style="list-style-type: none"> <li>• Crime Scene investigation</li> </ul>	1.2, 6.2, 8.0
	<ul style="list-style-type: none"> <li>○ Evidence Recovery</li> </ul>	
	<ul style="list-style-type: none"> <li>○ Photography</li> </ul>	
	<ul style="list-style-type: none"> <li>○ Distance measurements</li> </ul>	
	<ul style="list-style-type: none"> <li>○ Latent print development</li> </ul>	
Firearms	<ul style="list-style-type: none"> <li>• Firearms identification and examination</li> </ul>	6.1, 6.3, 6.6, 7.1, 8.0
	<ul style="list-style-type: none"> <li>• Toolmarks</li> </ul>	6.1,6.3, 6.5, 6.6, 7.1, 8.0
	<ul style="list-style-type: none"> <li>• Distance determination</li> </ul>	6.1, 6.6, 7.1, 8.0
	<ul style="list-style-type: none"> <li>• Serial number restoration</li> </ul>	7.1, 8.0
	<ul style="list-style-type: none"> <li>• NIBIN database</li> </ul>	6.1, 6.3, 6.6, 7.1, 8.0
	<ul style="list-style-type: none"> <li>• Fired case and shotgun cartridges</li> </ul>	6.1, 6.2, 7.1, 8.0
	<ul style="list-style-type: none"> <li>• Expended Bullets</li> </ul>	6.1, 6.2, 7.1, 8.0

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**\*ANALYTICAL TECHNIQUE / TEST METHOD**

1.0	Chemical Screening Tests
1.1	Microcrystalline
1.2	Color
1.3	Immunoassay
2.0	Genetic Analysis
2.1	DNA-PCR
2.1.1	Autosomal STR
2.2	Data analysis
3.0	Electrophoresis
3.1	Gel
3.2	Capillary
4.0	Chromatography
4.1	Thin Layer Chromatography
5.0	Spectroscopy
5.1	Mass Spectrometry
5.1.1	GC/MS
5.2	UV Spectroscopy
5.3	IR Spectroscopy
6.0	Physical Examination
6.1	Physical Measurements (e.g. weight, volume, etc)
6.2	Visual inspections
6.3	Striation comparison
6.4	Physical reconstruction
6.5	Friction ridge analysis
6.6	Pattern comparison, pattern recognition
7.0	Microscopy
7.1	Optical
8.0	General Laboratory Procedures