

ISP-R & D Forensic Science Laboratory
Scope of Accreditation
07-FQS-I-09-RDL

Field of Testing: Forensic Testing
Materials Tested

Category	Sub Category	Analytical Techniques
Controlled Substances	<ul style="list-style-type: none"> • Controlled and non-controlled pharmaceuticals and illicit drugs <ul style="list-style-type: none"> ○ Related chemicals and paraphernalia 	<ul style="list-style-type: none"> • 1.1, 2.1, 2.2, 3.1, 3.2.1, 3.3, 3.4, 4.1, 5.1, 6.1, 6.2, 6.3, 6.4
	<ul style="list-style-type: none"> • Botanical material 	<ul style="list-style-type: none"> • 1.1, 2.1, 2.2, 3.2.1, 5.1, 6.1, 6.2, 6.4
Biology	<ul style="list-style-type: none"> • DNA analysis 	<ul style="list-style-type: none"> • 6.4, 7.1.1, 7.1.2, 7.1.3, 7.2, 7.3, 8.1

Analytical Techniques

1.0 Screening Tests <ul style="list-style-type: none"> 1.1 Color
2.0 Chromatography <ul style="list-style-type: none"> 2.1 Gas Chromatography 2.2 Thin Layer Chromatography
3.0 Spectroscopy <ul style="list-style-type: none"> 3.1 Infrared 3.2 Mass spectroscopy <ul style="list-style-type: none"> 3.2.1 GC/MS 3.3 Polarimetry 3.4 UV/visible
4.0 Physical Examination <ul style="list-style-type: none"> 4.1 Physical measurements (e.g., length, volume, etc.)
5.0 Microscopy <ul style="list-style-type: none"> 5.1 Optical
6.0 General laboratory procedures <ul style="list-style-type: none"> 6.1 Weighing/mass/force determination 6.2 Sampling 6.3 Quantitation 6.4 General laboratory techniques
7.0 Genetic Analysis <ul style="list-style-type: none"> 7.1 DNA-PCR <ul style="list-style-type: none"> 7.1.1 Autosomal STR 7.1.2 Y STR 7.1.3 Quantitation 7.2 Data analysis 7.3 Database comparison
8.0 Electrophoresis <ul style="list-style-type: none"> 8.1 Capillary