

TESTING AND CALIBRATION LABORATORY ACCREDITATION PROGRAM (LAP)

Scope of Accreditation

Legal Name of Accredited Laboratory: Fish and Wildlife Enforcement Services:
Forensic Unit Government of Alberta

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SCC File Number:	151093
Accreditation Standard(s):	ISO/IEC 17025:2017 General requirements for the competence of testing and calibration laboratories
Fields of Testing:	Forensic
Program Specialty Area:	Forensic
Initial Accreditation:	2019-08-13
Most Recent Accreditation:	2024-11-04
Accreditation Valid to:	2027-08-13

FORENSICS

Forensic Biology / DNA

Description of Activities:

Forensic DNA analysis of fish and wildlife samples. This includes exhibit examination and handling, case management, autosomal STR DNA analysis, interpretation and comparison of DNA profiles, sex typing by DNA analysis, production of forensic statistics, reports and other court documents.

Techniques for which the laboratory is accredited:

- 1) DNA extraction from biological materials using robotic and manual platforms.
- 2) Polymerase Chain Reaction (PCR) DNA amplification using autosomal STRs and capillary electrophoresis in wildlife
- 3) Sex Typing of wildlife via DNA analysis
- 4) Interpretation and comparison of DNA typing profile data.

Wildlife species analyzed include:

- White Tailed deer
- Mule Deer
- Elk
- Black Bear
- Grizzly Bear
- Cougar
- Bighorn Sheep
- Moose
- Walleye

Number of Forensic Technique Listing: 4

Notes:

ISO/IEC 17025: 2017 General Requirements for the Competence of Testing and Calibration Laboratories

RG-Forensics: SCC Requirements and Guidance for the Accreditation for Forensic Testing Laboratories.

A controlled list of test methods under the current flexible scope is maintained by the laboratory and is available upon request.

This document forms part of the Certificate of Accreditation issued by the Standards Council of Canada (SCC). The original version is available in the Directory of Accredited Laboratories on the SCC website at www.scc-ccn.ca

Elias Rafoul
Vice-President, Accreditation Services
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