

TESTING AND CALIBRATION LABORATORY ACCREDITATION PROGRAM (LAP)

Scope of Accreditation

Accredited Laboratory No. 531

Legal Name of Accredited Laboratory: **RCMP Forensic Science & Identification Services**

Location Name or Operating as (if applicable): Forensic Sciences and Identification Services, National DNA Data Bank (NDDB)

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SCC File Number:	15654
Accreditation Standard(s):	ISO/IEC 17025:2017 General requirements for the competence of testing and calibration laboratories SCC RG-FORENSIC
Fields of Testing:	Biological
Program Specialty Area:	Forensic: (Forensic Biology / DNA)
Initial Accreditation:	2004-03-22
Most Recent Accreditation:	2021-06-03
Accreditation Valid to:	2024-03-22

SCC Group Accreditation:

This laboratory is a part of a Group Accreditation with the following facilities in accordance with SCC's policy on Group Accreditation documented in the Accreditation Services Accreditation Program Overview.

- RCMP Forensic Science & Identification Services - NATIONAL FORENSIC LABORATORY SERVICES - EDMONTON, Accredited Laboratory No. 337;
- RCMP Forensic Science & Identification Services - NATIONAL FORENSIC LABORATORY SERVICES -SURREY, Accredited Laboratory No. 395; and
- RCMP Forensic Science & Identification Services - NATIONAL FORENSIC LABORATORY SERVICES - OTTAWA, Accredited Laboratory No. 435.

FORENSICS

Forensic Biology / DNA

Description of Activities:

- Verification of designated offence and court order information and suitability of biological samples submitted from convicted offenders.
- Verification of authorization and suitability of biological sample and DNA profile submissions for humanitarian investigations.
- Autosomal STR DNA and Y-STR analysis of biological material.
- Interpretation and comparison of DNA profiles to establish associations between known individuals and samples of unknown origin, as well as kinship analysis.
- CODIS match management in NDDB.
- Biological sample destruction and removal of DNA profiles from the NDDB.

Techniques for which laboratory is accredited:

- a. Direct Polymerase Chain Reaction (PCR) DNA amplification using autosomal STR and Y-STR Amplification Kits and capillary electrophoresis, utilizing robotic and manual set-up procedures.
- b. Sample handling and preparation, DNA extraction, purification, quantification of human and male DNA, PCR amplification using autosomal STR and Y-STR Amplification kits, and capillary electrophoresis utilizing manual set-up procedures.
- c. Interpretation and comparison of DNA typing profiles including statistical analysis.

Number of Forensic Techniques: 3

Notes:

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

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

CODIS: Combined DNA Index System on the Federal Bureau of Investigation of the United States of America



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.ca.

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Vice-President, Accreditation Services
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