



TESTING AND CALIBRATION LABORATORY ACCREDITATION PROGRAM (LAP)

Scope of Accreditation

Accredited Laboratory No. 828
(Conforms with requirements of ISO/IEC 17025:2017, RG-FORENSIC)

Legal Name of Accredited Laboratory: **British Columbia Institute of Technology
BCIT Forensic DNA Laboratory**

Location Name or Operating as (if applicable): 3700 Willingdon Avenue Burnaby, BC V5G 3H2

Contact Name: Jason Moore

Address: 3700 Willingdon Avenue Burnaby, BC V5G 3H2

Telephone: 604-451-7178

Fax: +1 604 431 4516

Website: forensiclab.ca

Email: Jason.Moore@bcit.ca

SCC File Number:	151016
Accreditation Standard(s):	ISO/IEC 17025:2017
Fields of Testing:	Forensic Biology / DNA Relationship
Program Specialty Area:	Forensic
Initial Accreditation:	2016-05-26
Most Recent Accreditation:	2019-12-08
Accreditation Valid To:	2024-05-26

FORENSICS

Forensic Biology / DNA

Description of Activities:

Evidence examination, identification of biological evidence including presumptive and confirmatory testing. Nuclear DNA analysis (autosomal STR and Y-STR) including the DNA



extraction, quantitation, PCR amplification and capillary electrophoresis Interpretation of single source and mixed DNA profiles to establish associations between crime scene evidence and known reference samples, parentage/kinship analysis and reporting. Techniques for which laboratory is accredited:

- a. Forensic DNA analysis (screening, extraction, quantification, PCR amplification using GlobalFiler®, GlobalFiler® Express and Yfiler™ Plus, and capillary electrophoresis)
- b. Human body fluid identification - microscopic and biochemical procedures
- c. Interpretation of DNA profiles and statistical analysis

Notes:

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

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

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.

Elias Rafoul
Vice President, Accreditation Services
Publication on: 2020-03-03

Number of Scope Listings: 3
SCC 1003-15/1016