

## TESTING AND CALIBRATION LABORATORY ACCREDITATION PROGRAM (LAP)

### Scope of Accreditation

Accredited Laboratory No. 315

**Legal Name of Accredited Laboratory:** **Bureau Veritas**

Location Name or Operating as (if applicable): Guelph Laboratory

Contact Name: Debbie D'Alessandro

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<b>SCC File Number:</b>	15414
<b>Accreditation Standard(s):</b>	ISO/IEC 17025:2017 General requirements for the competence of testing and calibration laboratories RG-FORENSIC:2017 SCC Requirements and Guidance for the Accreditation for Forensic Testing Laboratories
<b>Fields of Testing:</b>	Biological (DNA Relationship)
<b>Program Specialty Area:</b>	Forensic
<b>Initial Accreditation:</b>	2000-01-31
<b>Most Recent Accreditation:</b>	2021-06-15
<b>Accreditation Valid to:</b>	2024-01-31

The FORENSIC BIOLOGY/DNA PSA under RG Forensic applies only to the laboratory's Human DNA Department, not its Animal Department.

ISO/IEC 17025:2017 applies to both Human and Animal DNA Departments.

## **FORENSICS**

### **(Biology / DNA)**

#### **Description of Activities:**

Parentage Verification  
Diagnostics  
Genotyping  
eDNA Detection

#### **Techniques for which the laboratory is accredited:**

- a. Animal DNA testing services for verifying identity in parentage cases and claimed biological relationship matters
- b. Diagnostics testing
- c. Detection of target species from environmental samples using qPCR.
- d. The following techniques are incorporated: sample preparation, extraction, quantitation, PCR amplification (traditional and qPCR), capillary electrophoresis, analysis, interpretation and reporting.

### **Forensic Biology / DNA**

#### **Description of Activities:**

Forensic  
Biological Relationship

#### **Techniques for which the laboratory is accredited:**

- a. Examination of evidentiary material for the presence of biological material and potential biological material
- b. Human DNA testing services for verifying identity in paternity cases, claimed biological relationship matters in- civil and criminal investigations.
- c. Quantitation of Human DNA.
- d. Screening, examination and analysis of unknown substances to determine whether they are of human or non-human origin.
- e. The following techniques are incorporated: case screening, item handling, examination for biological material and potential biological material, sample preparation, extraction, Y-STR and Autosomal STR DNA PCR amplification, capillary electrophoresis, analysis, genotyping, interpretation and reporting and court testimony.

Number of Scope Listings: 9 Forensic techniques

#### **Notes:**

The FORENSIC BIOLOGY/DNA Program Specialty Area under RG Forensic applies only to the laboratory's Human DNA Department, not its Animal Department.

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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](http://www.scc.ca).

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