

## Our approach?

- Our team's **goal** goes beyond providing reliable measurements and accurate reporting; we also aim to assist our customers in the **interpretation** of the results. Upon request, we can also help you to develop **testing** programs, analytical method **validation** and more.

## Contacts?

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# X-CELL Analytical



*Analytical Service Lab  
open for Business...*

**Biofuels Analysis**



**St. Francis Xavier  
University**  
Analytical Services Lab



***Services Brochure***

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## Who are we?

- **X-CELL Analytical** is an Analytical Service Lab located on the St. Francis Xavier University Campus in Antigonish, NS, **Canada**.

## Our Expertise & our Quality System?

- We are specialized in **Biodiesel Analysis** for which testing is carried out in compliance with **A.S.T.M.** (American Society for Testing & Materials) standards along with **BQ-9000** (Biodiesel Quality Management System)

## Mission Statement

*“The mission of X-CELL ANALYTICAL is to serve our customers by providing reliable measurements & efficient technical support that enhances the efficiency of their processes, nurtures their R&D and encourages the growth of their business”*

## Biodiesel Services

Critical Specification Testing per BQ9000	Test Method
Flash Point	ASTM D93
Acid number	ASTM D664
Cloud Point	ASTM D2500
Water & Sediment	ASTM D2709
Visual Appearance	ASTM D4176
Sulfur	ASTM D5453
Free Glycerin	ASTM D6584
Total Glycerin	ASTM D6584
Cold Soak Filterability	ASTM D6751
Oxidation Stability	EN 14112

B100 Storage Tank Inactivity	Test Method
Water & Sediment	ASTM D2709
Oxidation Stability	EN 14112

Other Testing per ASTM D6751	Test Method
Copper Strip Corrosion	ASTM D130
Kinematic Viscosity, 40°C	ASTM D445
Sulfated Ash	ASTM D874
Density	ASTM D4052
Cold Filter Plugging	ASTM D6371
Carbon Residue	ASTM D4530