



CERTIFICATE OF ACCREDITATION

The ANSI National Accreditation Board

Hereby attests that

Morgan Schaffer Ltd
225 Lafleur, Suite 150
LaSalle, QC H8R 3H2 Canada

Fulfills the requirements of

ISO 17034:2016

In the field of

REFERENCE MATERIAL PRODUCER

This certificate is valid only when accompanied by a current scope of accreditation document.
The current scope of accreditation can be verified at www.anab.org.

A handwritten signature in black ink, appearing to be 'Jason Stine', is positioned above a horizontal line.

Jason Stine, Vice President

Expiry Date: 08 March 2027

Certificate Number: AR-2126



This reference material producer is accredited in accordance with the recognized International Standard ISO 17034:2016.
This accreditation demonstrates technical competence for a defined scope and the operation of a reference material producer quality management system.

SCOPE OF ACCREDITATION TO ISO 17034:2016

Morgan Schaffer Ltd
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REFERENCE MATERIAL PRODUCER

Valid to: **March 8, 2027**

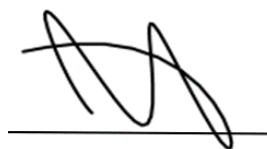
Certificate Number: **AR-2126**

Chemical Properties

Type of Reference Material	Description of the Reference Material Matrix or Artifact including the Property-Properties Characterized	Method or Techniques Used by the RMP Laboratory to Determine the Assigned Value (if Appropriate)
Certified Reference Material	Gas Mixture in Dielectric Fluids (5, 10, 50, 100, 500 and 1000 ppm (µg/g) of H ₂ , CH ₄ , C ₂ H ₆ , C ₂ H ₄ , C ₂ H ₂ , C ₃ H ₈ , C ₃ H ₆ , C ₄ H ₁₀ , C ₄ H ₈ , C ₄ H ₆ , CO ₂ , O ₂ , N ₂ , and CO)	Characterization based on mass or volume of ingredients used in the preparation of the RM. Gas Chromatography
Certified Reference Material	Moisture in Dielectric Fluids 15 and 30 ppm (µg/g)	Characterization based on mass or volume of ingredients used in the preparation of the RM. Karl Fisher Titrator

Notes:

1. Please contact the RMP organization for more information on CRM uncertainty values, U_{CRM} values, and other specific lot values. Some of this information may also be available on the RMP's website.
2. This scope is formatted as part of a single document including Certificate of Accreditation No. AR-2126.



Jason Stine, Vice President