



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 read 'R. Douglas Leonard Jr.', is positioned above a horizontal line.

R. Douglas Leonard Jr., VP, PILR SBU

Expiry Date: 08 March 2023

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, 2023**

Certificate Number: **AR-2126**

Chemical			
Sub-Category of Reference Material	ILAC RM Category	Class or Type of Reference Materials Produced (Include Range Where Applicable)	Methods or Techniques Used in the RMP Laboratory (if Appropriate)
Gases (Certified Reference Material)	A7.1	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)	Gas Chromatography
Moisture (Certified Reference Material)	A3.5	Moisture in dielectric fluids 15 and 30 ppm (µg/g)	Karl Fisher Titrator

Notes:

1. Please contact the RMP organization for more information on CRM uncertainty values, Ucrm 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.



R. Douglas Leonard Jr., VP, PILR SBU