

CLAS Certificate Number 2018-04

From: National Research Council Canada

Company name	Trillium Measurement and Control
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Clients served	<ul style="list-style-type: none">• All interested parties.• Internal Clients
Fields of calibration	<ul style="list-style-type: none">• Flow• Volume
SCC accreditation (ISO/IEC 17025)	<ul style="list-style-type: none">• Accredited Laboratory N^o (number) 878• First issued 2018-12-08• Issue 2.0e 2020-07-06

i This scope of calibration capabilities is published by the CLAS program of the National Research Council of Canada (NRC) in close co-operation with the laboratory accreditation program of the Standards Council of Canada (SCC), Canada's accreditation body for calibration and testing laboratories. The SCC accredits the capability of the named laboratory for being able to perform the listed

calibrations at the given Calibration Measurement Capability (see Supplementary **note C** and **note D**) with traceability to the International System of Units (SI) or to standards acceptable to the CLAS program.

Flow

Measured Quantity & Range or Instrument	Calibration and Measurement Capability expressed as an Uncertainty (\pm) (See <u>supplementary notes</u>)	Type of Service	Remarks
Liquid flow: Mass flow (water)			
1 kg/min to 22 kg/min	0.079 %	II (2)	Calibration of Mass liquid Meter using Coriolis Meter Transfer Standard. Trillium procedure SWI 006.

35 kg/min to 2200 kg/min	0.072 %	II.(2)	Calibration of Mass liquid Meter using Coriolis Meter Transfer Standard (TSM stand) Trillium procedure SWI 005.
35 kg/min to 2200 kg/min	0.060 %	II.(2)	Calibration of Mass liquid Meter using Small Volume Prover. Trillium procedure SWI 030.
Liquid flow: Volumetric flow (water)			
1 l/min to 22 l/min	0.062 %	II.(2)	Calibration of Volume liquid Meter using Coriolis Meter Transfer Standard. Trillium procedure SWI 006.
35 l/min to 2200 l/min	0.052 %	II.(2)	Calibration of Volume liquid Meter using Coriolis Meter Transfer Standard (TSM stand). Trillium procedure SWI 005.

35 l/min to 2200 l/min	0.025 %	II.(2)	Calibration of Volume liquid Meter using Small Volume Prover. Trillium procedure SWI 030.
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Volume

Measured Quantity & Range or Instrument	Calibration and Measurement Capability expressed as an Uncertainty (\pm) (See <u>supplementary notes</u>)	Type of Service	Remarks
Volume Measurement (water)			
1 l/min to 35 l/min	0.062 %	II.(2)	Calibration of Volume liquid Meter by Waterdraw. Trillium procedure SWI 003. (Internal Meter Only)

Measured Quantity & Range or Instrument	Calibration and Measurement Capability expressed as an Uncertainty (\pm) (See <u>supplementary notes</u>)	Type of Service	Remarks
35 l/min to 2200 l/min	0.024 %	<u>II (2)</u>	Calibration of Small volume prover by Waterdraw, Trillium procedure SWI 009. (Internal Small Volume Prover Only)

Date modified:

2019-10-30